

**MINUTES OF THE 116<sup>th</sup> MEETING OF THE STATE LEVEL  
ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)  
KERALA, HELD ON 29<sup>th</sup> & 30<sup>th</sup> JULY 2022 THROUGH VIDEO  
CONFERENCING.**

**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 116<sup>th</sup> meeting of the SEIAA, KERALA was held on 29<sup>th</sup> & 30<sup>th</sup> July 2022. The meeting started at 10.00 AM on 29<sup>th</sup> July 2022. Dr. H. Nagesh Prabhu, Chairman, SEIAA Kerala chaired the meeting. Dr. Venu V. IAS, Member Secretary, SEIAA and Sri. K. Krishna Panicker, Member, SEIAA attended the meeting. The Authority considered the agenda for the 116<sup>th</sup> meeting and took the following decisions:

**Physical Files**

**Item No.116.01**      **Minutes of the 115<sup>th</sup> meeting of SEIAA held on 30<sup>th</sup> June 2022**

Noted

**Item No.116.02**      **Action Taken Report on 114<sup>th</sup> meeting of SEIAA**

Action taken by SEIAA team is appreciated.

**Item No.116.03**      **Environmental Clearance issued to M/s. Darkstone Land Developers Pvt Ltd in Sy No. 1/1 (pt) of Ottappalam Village, Ottappalam Taluk, Palakkad District, Kerala – Crl. M. C. No. 1232 of 2021- Judgement dated 1.12.2020 in WP (C) No.26042 of 2020 - Revalidation of EC  
(File No. 705/SEIAA/KL/5657/2014)**

The Authority perused the item and noted the recommendation of 129<sup>th</sup> SEAC meeting, the contents of field inspection report of the Sub-Committee dated 5<sup>th</sup> May 2022 and the directions of the Hon'ble High Court in WP(C) No. 26042/2020 and two interim orders in Cri. M. C No. 1232 / 2021 dated 08.4.2021 and 08.10.21. The Authority observed that 129<sup>th</sup> SEAC recommended the revalidation of EC with a project life of 12 years from the date of issuance of original EC (25.10.2017) subject to the direction of the Hon'ble High Court in the WP(C) No. 26042/2020.

Subsequent to directions in Cri. M. C 1232 dated 8.4.2021 SEAC has submitted an interim report to H'ble High Court of Kerala in which violation of EC conditions were brought out. The Authority noticed that Cri. M. C No. 1232 of 2021 is pending on the files of Hon'ble High Court. Even though, the petitioner therein sought for an interim order to function their quarry, however, in the light of the report submitted by SEIAA on the basis of Post EC compliance report furnished by the petitioner, the Court has refused to grant an interim order and directed SEIAA to complete the revalidation process. Followed by this SEAC has conducted field inspection on 5<sup>th</sup> May 2022 and a final report was placed before SEAC as per which SEAC in its 129<sup>th</sup> meeting has recommended for issue of EC.

Further, the H'ble High Court in its interim order in Cri. M. C No. 1232 of 2021 dated 08.10.21, has not considered the prayer of the Project Proponent to lift stop memo issued by Revenue Divisional Officer Ottappalam in the light of the information placed before the court. Now based on CCR from IRO Bangalore and field inspection report of a Sub-Committee of SEAC, in its 129<sup>th</sup> meeting SEAC has recommended for issue of EC. Authority is of the opinion that the EC can be revalidated only after lifting the stop memo either by H'ble High Court of Kerala or by RDO, Ottappalam.

Under the circumstances, Authority decided to seek a legal opinion on priority quoting entire range of events chronologically that have taken place, subsequent to Judgement in WP(C) No. 26042/2020 and in interim order in Cri. M. C 1232 dated 08.4.2021.

**Item No.116.04**

**Environmental Clearance issued by DEIAA, Palakkad to M/s PPK Granites & Crusher Products Pvt Ltd for the Granite Building Stone Quarry in Ambalappara- II Village, Ottappalam Taluk,**

**Palakkad District – Judgment dated 10.03.2021 in WP (C)  
No.6159/2021 - Revalidation of EC.  
(File No. 1062/EC1/2021/SEIAA)**

The Authority perused the item and noted the recommendation of 129<sup>th</sup> SEAC meeting, the contents of field inspection report of the Sub-Committee report dated 18.5.2022 and the judgement in WP(C) No. 19055/2021 before the Hon'ble High Court. In the 129<sup>th</sup> SEAC meeting, the Committee recommended the extension of the validity of EC with a project life of 8 years from the date of issuance of original EC (21.04.2017) subject to certain additional conditions. The Authority noticed that there is a house at a distance of 79 m, which is in a violation of original EC condition, that the minimum buffer distance from the boundary of the quarry to the nearest dwelling unit or other structures should be 100m. Hence the Authority decided to direct the proponent to submit the following:

1. The Village Officer certified survey map confirming that the dwelling units is located at a distance of 100m from the boundary of the quarry
2. A Certificate from the Village Office / Panchayat showing the date completion of construction of the houses, if any within 100m from the boundary of the quarry.

**Item No: 116.05**

**Environmental Clearance for the Quarry Project of M/s Karimala Granites & Aggregates Pvt Ltd in Sy Nos. 286/10 (P), 286/1(P), 286/3(P), 286/4, 282/10, 278/4-1, 278/4-2, 278/4-3, 278/4-5, 278/4-4, 286/7(P), 286/2(P), 286/8(P), 286/6(P), 286/9(P), 278/6, 278/3(P), 278/2-1, 278/2, 278/7, 277/1(P), 277/9 and 286/5(P) at Kangazha Village, Changanassery Taluk, Kottayam District, Kerala –**

**Judgment in WP (C) 12439 of 2020 (B) filed by Sri. K. J. Thomas Kutty, M/s Karimala Granites & Aggregates Pvt. Ltd. Changanassery, Kottayam - Revalidation of EC  
(File No. 222/SEIAA/KL/349/2014)**

The Authority perused the item and noted the decisions of various SEAC meetings, the contents of field inspection report of the Sub-Committee and the CCR received from RO, MoEF & CC. The 129<sup>th</sup> SEAC meeting has recommended for the revalidation of EC with a project life of 12 years from the date of issuance of original EC (29.11.2014) subject to certain Additional Specific Conditions.

The Authority decided to revalidate the Environmental Clearance for a period of 12 years from the date of issuance of original EC (29.11.2014). The revalidation of EC is subject to Terms and Conditions in the original EC in addition to the General Conditions and the following Additional Specific Conditions.

1. To reduce the vibration of the ground, it is directed to use only NONEL (Non Electrical) technology for blasting.
2. Road leading to the main road from the project site should be maintained.
3. Mining activities including loading and transportation of mined materials should not be carried out between sun set and sunrise.
4. Garland canal should be laid considering the entire project area.
5. The garland canal along with silt traps, collection tanks, and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the Half Yearly Compliance Report.
6. The overburden dump should be protected with a proper gabion wall to avoid soil erosion.
7. Green belt in the buffer should be strengthened with indigenous species and nurtured on a regular basis.
8. Steep faces of the quarry should be converted as benches.
9. Water stagnation in the quarry pit should be avoided. The proponent should provide an Affidavit to maintain a maximum of only 5m water column in the resultant quarry pit since the quarry is situated in an elevated place.
10. Overloading should not be done to prevent the alleged accidents in the locality.

A copy of the complaint dated 20.11.2021 may be forwarded to Project Proponent to address the issues raised by the local residents. If the situation does not improve within 6 months the EC given is likely to be cancelled. A copy of the complaint may be forwarded to District Geologist to take action for violations if any against EC conditions and KMMC rules.

**Item No.116.06**

**Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Habeebu Rahiman P.M, M/s Profile Sands, in Sy No. 78/2A, Kumaranellur Village, Kozhikode Taluk, Kozhikode District, Kerala. (Judgment in WP (C) No.10301/2021 filed by Sri. Habeebu Rahiman – Revalidation of EC. (File No. 130/SEIAA/KL/2437/2013)**

The Authority perused the item and noted the decisions of various SEAC meetings, and the field inspection report of the Sub-Committee. The 129<sup>th</sup> SEAC has recommended for the revalidation of EC with a project life of 8 years from the date of issuance of original EC (01.04.2014) subject to certain Additional Specific Conditions. On deliberation, the Authority observed that the life of mine is 8 years as per the approved Mining Plan and the original EC was issued for 8 years and with Covid extension the Project Proponent will get hardly 9 months for the mining operations. There is a house at 60 m distance which is in violation of original EC condition. The Authority also noticed that the project proponent is also holding another EC (646/EC4/4942/2014/SEIAA dated 03.02.2016) in the same Survey No. 78/2A.

Under the circumstances, the Authority decided to refer the case back to SEAC to verify the above observations and recommend the case by considering the veracity of life of mine, impact of adjacent quarry, distance from nearest house and other relevant aspects.

**Item No.116.07**      **Environmental Clearance for the Quarry Project of Sri. K. C. James, M/s Reena Metals in Sy Nos. 179 & 1293 at Ayyankunnu Village, Iritty Taluk, Kannur District, Kerala. Judgment in WP (C) No. 14095/2021 filed by Sri. K. C. James – Revalidation of EC. (File No.210/EC4/221/2014/SEIAA)**

The Authority perused the item and noted the decisions of various SEAC meetings, the field inspection report of the Sub-Committee and the CCR received from RO, MoEF & CC, Bangalore. The SEAC in its 129<sup>th</sup> meeting has recommended the revalidation of EC with a project life of 10 years from the date of issuance of original EC (17.01.2017) subject to certain Additional Specific Conditions.

The Authority decided to revalidate the EC for a period of 10 years from the date of issuance of original EC (17.01.2017). The revalidation of EC is subject to the Terms and Conditions in the original EC in addition to the General Conditions and the following Additional Specific Conditions.

1. No storage of water should be done in the quarry pit as any seepage through fractures and joints, if present, will have a significant adverse impact.
2. Garland canal should be planned and implemented covering the entire project area and the overland flow should be collected and discharged to a natural stream in

the valley region of the landscape through bottom and side-sealed drainage channel.

3. Extreme care should be taken to prevent any blockage or diversion of the surface drain in and around the project area
4. The garland canal, silt traps, siltation pond, and outflow channel should be cleaned periodically by removing the silt deposited such that there should not be any hindrance to overland flow.
5. The overburden dumped on the side slope should be removed immediately and stored in the lower slope region with an appropriate retention wall structure. Water collected in and around the overburden dump should be drained properly to the valley regions.
6. No blasting should be done during the days of moderate and heavy rains considering the high land fragility of the region.
7. Only short hole blasting should be done by adopting the NONEL technique with a drill hole of 32mm diameter and depth of 1.5m loaded with a maximum of 375 gm of explosive in each hole of the array with a burden of 1.5m and spacing of 1m.
8. The time of blasting should be different from that of the adjacent quarry. A schedule for blasting and transport of the mined-out material should be prepared in consultation with the adjacent quarry owner and followed.
9. Green belt development in the buffer zone should be strengthened with immediate effect without further delay. Indigenous plants should be planted in the buffer zone without further delay and they should be protected and nurtured throughout the project period till the mine closure plan is implemented in total.
10. Geo-tagged photographs of different stages of green belt development, the location from where the haphazard soil dump is removed, newly laid drainage channel and periodic cleaning of garland drain, silt traps, siltation ponds, and outflow channel should be submitted along with half-yearly compliance report.
11. Mined-out benches should be filled with topsoil and planted with local plant species.

An affidavit agreeing to the above conditions should be submitted by the Proponent.

**Item No.116.08**      **Environmental Clearance for the Building Stone Quarry Project of M/s Alpha Bricks & Metals in Sy Nos. 41/1A (pt), 109(pt), 110/2(pt), 11(pt) and 115/1A (pt) at Kakkad Village, Karassery Panchayat, Kozhikode Taluk, Kozhikode District, Kerala – Judgment in WP (C) 13113/2020 filed by M/s Alpha Bricks & Metals - Revalidation of EC. (File No.338/SEIAA/EC4/2170/2014)**

The Authority perused the item and noted the decisions of various SEAC meetings, the field inspection report of the Sub-Committee and the CCR received from IRO, MoEF & CC, Bangalore. The SEAC in its 129<sup>th</sup> meeting has recommended the revalidation of EC with a project life of 10 years from the date of issuance of original EC (10.08.2015) subject to certain Additional Specific Conditions.

The Authority decided to revalidate the EC for a period of 10 years from the date of issuance of original EC (10.08.2015). The revalidation of EC is subject to the judgment of WP(C) 18943/2021 and Terms and Conditions in the original EC in addition to the General Conditions and the following Additional Specific Conditions.

1. The drainage along with silt traps, collection tanks, and outflow channel should be desilted periodically and geotagged photographs should be incorporated in the Half Yearly Compliance Report.
2. Green Belt in the Buffer Zone should be strengthened and nurtured.
3. The proposed CSR/CER as agreed by the proponent should be implemented in total till the mine closure plan is implemented in total.
4. Mined-out benches should be filled with topsoil and vegetated using local plant species.
5. Overburden and topsoil dump should be protected with gabion walls and should be stabilized by planting trees.
6. Measures should be taken to prevent sheet erosion within the project area.
7. Haulage roads should be properly maintained.

**Item No.116.09**      **Environmental Clearance for the Quarry Project of M/s Black Rock Crushers & Sand Making Industries Pvt Ltd in Sy Nos. 1293 & 238 at Ayyankunnu Village, Iritty Taluk, Kannur District, Kerala. (Judgment in WP (C) No.13529/2021 filed by Sri.**

**Muhammed Haji Moolayil, M/s Black Rock Crushers & Sand Making Industries Pvt Ltd – Revalidation of EC).**  
**(File No.928/SEIAA/EC4/3894/2015)**

The Authority perused the item and noted the decisions of various SEAC meetings and the field inspection report of the Sub-Committee. The 129<sup>th</sup> SEAC observed that “The quarry is located on the very steep upper slope region of a hillock with high environmental fragility. Moreover, there is another operational quarry on the summit of the hillock, the boundary of which is only about 25m from the boundary of the quarry under appraisal. There are also two crushers, one 200m south-southeast of the quarry and another one at downslope, south-southwest of the quarry under appraisal and within the land owned by the proponent. Therefore, extreme vigil for complying with the EC conditions is essential”. The Committee also observed that the revalidation of EC would be considered after complying with the certain conditions in addition to the specific and general conditions stipulated in the EC issued earlier within 6 months.

Under the circumstances, the Authority decided to direct the proponent to comply all the observations of SEAC and submit the compliance report within 6 months. After getting the compliance report, SEAC shall conduct a site inspection to confirm the status of compliance of observations made and forward a definite recommendation for revalidation. The observations of SEAC shall be informed to Project Proponent for compliance.

**Item No.116.10**      **Environmental Clearance for the Quarry Project of Sri. P. M. Aboobacker, Palakkal Granites in Re. Sy No. 172 (pt) at Kodyathur Village, Kodyathur Panchayt, Kozhikode Taluk, Kozhikode District – Judgment in WP (C) No.3510/2021 filed by Sri. P. M. Aboobacker, Palakkal Granites – Revalidation of EC.**  
**(File No.1054/EC4/2021/SEIAA)**

The Authority verified the item and noted the decisions of various SEAC meetings and the field inspection reports of the Sub-Committees. The Authority observed that there is an adjacent quarry of the Proponent for an area of 5.0680 Ha for which EC was issued by vide 137/KL/2567/2013 dated 16-01-2016.

The Director of Mines Safety, Bangalore Region vide their letter no 513521/SZ/Bengaluru Region/Perm Exemp/2020/6632 dated 02/10/2020 permitted to change the mine boundary by amalgamating the areas. The Authority is of the opinion that, after



amalgamation of two mining sites, there shall be sizeable changes in the buffer zones and the mineable reserves and the revalidation of EC of a single quarry is not proper. Under the circumstances, the Authority decided to direct the Proponent to submit the joint mining plan after amalgamating the area and apply with a fresh application for revalidation as a single EC.

**Item No.116.11**      **Environmental Clearance for the Granite Building Stone Quarry of M/s Friends Granites & Crushers for an area of 4.6308 Ha in Re-Sy Nos. 109/1, 109/2, 109/4, 109/7, 109/8, 109/3/2, 110/1, 110/6/1, 110/6/2, 110/7, 110/8/1, 110/9, 110/10, 110/11, 110/15, 110/16, 110/17 at Vythiri Village, Thrikkaipetta Taluk, Wayanad District of Kerala**  
**(SIA/KL/MIN/130112/2019; 1628/EC2/2020/SEIAA)**

The Authority perused the item and noted the decisions of various SEAC meetings and the field inspection report of the Sub-Committee. The Authority discussed the item and decided to give an opportunity to the Proponent for hearing in the next SEIAA meeting. Intimation regarding the same may be given to the Proponent well in advance.

**Item No.116.12**      **Environmental Clearance for the Granite Building Stone Quarry project of Sri. Binu George for an extent of 3.0 Ha in Block No. 49, Re-Sy Nos. 304 part (Govt. Land) Parathodu Village, Udumbanchola Taluk, Idukki District, Kerala - Rejected**  
**(SIA/KL/MIN/134803/2020; 1656/EC3/2020/SEIAA)**

The Authority perused the item and noted the decisions of various SEAC and SEIAA meetings, the field inspection report of the Sub-Committee. The Authority discussed the matter and observed that the MoEF&CC vide F. No. 1-4/2012-RE(Pt) dated 13.11.2013, issued a direction under Section 5 of the EPA, 1986, which stated that the Ministry has accepted the HLWG report “in principle”. As per this direction the mining activities in the 123 ESA villages in Kerala are prohibited.

Since the issuance of the said Direction, the Ministry has been issuing draft ESA Notification for suggestions and clarifications from the respective States. The Authority is of the opinion that, till the issuance of final ESA Notification, the Directions issued on 13.11.2013 shall prevail in ESA villages and hence mining shall not be permitted in ESA

villages. The Authority decided to adhere to its decision taken in 114<sup>th</sup> meeting and inform the same to Project Proponent.

**Item No.116.13**      **Environmental Clearance for the Quarry Project of M/s Mavanal Granites Pvt Ltd in Block No.32, Sy No. 288/1(Part) Koodal Village, Konni Taluk, Pathanamthitta District, Kerala – Judgement dated 11.09.2021 in WP(C) No.16330/2021 – Revalidation of EC (File No.81/SEIAA/KL/183/2013)**

The Authority verified the item and referred to its earlier decision in 114<sup>th</sup> meeting. The Authority noticed that the proponent has submitted the required documents and hence decided to refer back the proposal to SEAC to examine the document/report and forward a definite recommendation for revalidation of EC.

**Item No. 116.14**      **Application for Transfer of Environmental Clearance for the Building Stone Quarry issued to Smt. Elsy Joseph, Managing Director, M/s Malayakam Granites in Sy No. 114 at Thirumittacode 2 Village, Pattambi Taluk, Palakkad District (SIA/KL/MIN/251811/2022; 929/SEIAA/EC1/3895/ 2015)**

The Authority noted the request of the proponent Smt. Elsy Joseph to transfer the EC to Sri. Deepak Jose, Director, M/s Malayakam Granites. After verifying the documents and having convinced to the reasons for transfer, the Authority agreed to transfer the EC issued to Smt. Elsy Joseph for Granite Building Stone Quarry Project in Sy. No. 114 in Thirumittacode 2 Village, Pattambi Taluk, Palakkad District to Sri. Deepak Jose, Director, M/s. Malayakam Granites as per clause 11 of EIA notification 2006. The necessary orders in this regard shall be issued.

**Item No.116.15**      **Application for Transfer of Environmental Clearance for the Building Stone Quarry for an Area of 3.6302 Ha. at Survey No. 82/3(p), 83(p) of Karukutty Village, Aluva Taluk, Ernakulam District, Kerala (SIA/KL/MIN/279936/2022; 2043/EC3/2022/SEIAA)**

The Authority noted the request of the proponent, Sri. C.C. Joseph to transfer the EC to Sri. Vimal K.M., Managing Partner, Chully Rock Products, Kuzhiyanveli Veettil, Chellamattom Village, Okkal P.O., Ernakulam 683550. After verifying the documents and having convinced to the reasons for transfer, the Authority agreed to transfer the EC issued to Sri. C. Managing Partner, Chully Rock Products, Kuzhiyanveli Veettil, Chellamattom Village, Okkal P.O., Ernakulam 683550 as per clause 11 of EIA notification 2006. Necessary orders in this regard shall be issued.

**Item No.116.16**      **Environmental Clearance issued to the Building Stone Quarry Project of Sri. Abdul Kareem, M/s. Al - Falah Metal Crusher in Sy. Nos. 475/9, 475/9-1, 475/10, 477/9-1, 477/15-1, 236/1, 236/3, 236/4, 236/6, 236/7, 236/8, 236/9, 235/3 & 235/10 at Manickal & Thekkada Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala - Complaint Received (File No.1097/EC/SEIAA/ KL/2017)**

The Authority perused the item and noted the decisions of various SEAC and SEIAA meetings, the field inspection report of the Sub-Committee. Authority noticed that SEAC in its 129<sup>th</sup> meeting recommended to issue Stop Memo for non-submission of the compliance report and also for non-compliance with the direction of the SEIAA. The Authority observed that the proponent has submitted the Half Yearly Compliance Report vide Letter dated 01.07.2022. Hence the Authority decided to refer the case back to SEAC to conduct a site inspection to verify the compliance status of EC conditions and give definite recommendation.

**Item No.116.17**      **Environmental Clearance issued by 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 noted the direction in Judgement dated 22.06.2022 in WP(C) No. 15312 of 2022, the proceedings of hearing conducted by MoEF&CC and the Certified Compliance Report from MoEF&CC. The Authority observed that the project has received satisfactory Compliance Certificate from MoEF&CC and hence decided to refer the case back to SEAC for definite recommendation regarding the revalidation of EC after a field inspection to confirm the compliance of EC conditions .

**Item No.116.18**      **Environmental Clearance for the Building Stone Quarry Project of Sri. Sachu Rajan Eapen in Block 30, Re-Sy No. 55 of Koodal Village, Kalanjoor Panchayat, Konni Taluk, Pathanamthitta District, Kerala**  
(SIA/KL/MIN/62736/2019, 1436/EC1/2019/SEIAA)

The Authority noticed that EC was accorded to the project from MoEF &CC and hence agreed to the recommendation of SEAC to withdraw the application submitted in SEIAA. Necessary orders in this regard shall be issued.

**Item No.116.19**      **Environmental Clearance issued to the proposed MLCP Building Project within the existing Hotel of M/s Lulu Hospitality Limited in Sy. Nos. 84/5, 84/10 at Thycaud Village, Thiruvananthapuram Taluk, Thiruvananthapuram District, Kerala - Clarification sought from MoEF regarding built-up area**  
(SIA/KL/MIS/153098/2020; 1662/EC1/2020/SEIAA)

The Authority discussed the item and decided to give an opportunity to the Proponent for hearing in the next SEIAA meeting. Intimation regarding the same may be given to the Proponent well in advance.

**Item No.116.20**      **Environmental Clearance issued for the Granite Building Stone Quarry of Sri. M. P. Kuriakose in Sy No. 298 at Mupainad Village, Vythiri Taluk, Wayanad District, Kerala - Judgment in WP (C) 845/2021 filed by Sri. M. P Kuriakose - Judgment in WP (C) 845/2021 filed by Sri. M. P Kuriakose – Revalidation of EC.**  
(File No. 901/SEIAA/EC4/3462/2015)

The Authority heard the Proponent, Sri. M. P. Kuriakose and one of the complainant, Sri. Thomas of Prakruthi Samrakshana Samithi on 29.09.2022 and gave them an opportunity for submitting a detailed hearing note within 7 days with necessary supporting documents to substantiate their claims. The Authority also decided to hear the Secretary, Mupainad Grama Panchayat, Sri. P T Mujeeb, the complainant & Sri. M. C. Cheriyan, the respondent in the next SEIAA meeting. Intimation regarding the same shall be given to both the parties well in advance.

**Item No.116.21**      **Environmental Clearance for Granite building Stone Quarry of Sri. Sinil V. Mathew, M/s Excel Granites in Sy Nos. 13/2, 13pt, 11/3-1, 11/3, 11/1, 11/1-1-1-1, 11/1-1-1, 11/1-1, 11/2, 12/2-11, 12/2, 12/1 and 11/1-1-1-2 in Edakunnam Village, Parathodu Panchayat, Kanjirapally Taluk, Kottayam District – Revalidation of EC (File No. 150/SEIAA/KL/2973/2014)**

The Authority perused the item along with the request letter from the Proponent to revalidate the EC up to 05.12.2027. The Authority noticed that as per the decision of 113<sup>th</sup> SEIAA, the revalidation order has already been issued on 02.06.2022 for a period of 10 years from the date of issuance of original EC. In this circumstance, the Authority decided to direct the Proponent to submit a Certificate from Mining & Geology Department regarding the period of non-functioning of the quarry to consider the request of the Proponent.

**Item No.116.22**      **Request for Extension of Environmental Clearance issued to Sri. K. V. Abraham, Managing Partner, M/s Thomsun Sands and Metals Pvt. Ltd. for the Quarry Project in Sy. No.120/1-23 at Erumely South village, Erumely Panchayat, Kanjirapally Taluk, Kottayam District (File No: 963/EC4/4473/2015/SEIAA)**

The Authority verified the item and discussed the request of the Proponent to consider the re-constitution of the monitoring committee. On deliberation, the Authority decided to stick on to its earlier decision regarding the constitution of Monitoring Committee. The

Authority also observed that the Project Proponent is requested for extension of validity of the Environmental Clearance. The Authority noticed that the EC is valid till 12.10.2024 (after Covid relaxation). In the meantime the Proponent can apply for extension through “PARIVESH” Portal with all necessary documents, if required.

**Item No.116.23**      **Application for the Extension of Environmental Clearance for the Building Stone Quarry Project of M/s G.K. Granites for an area of 7.0802 Ha in Sy Nos. 51/1, 51/3, 51/4, 51/5, 51/6, 51/10, 51/11, 53/2, 53/3, 53/4, 53/5, 53/6, 53/7, 60/4 (p), 60/5 (p), 60/7 & 66/4, of Kizhakkambalam Village, Kunnathunadu Taluk, Ernakulam District, Kerala.**  
(SIA/KL/MIN/254154/2022, 522/SEIAA/ EC3/3826/2014)

The Authority verified the item and noted the decision of 129<sup>th</sup> SEAC meeting. The Authority noticed that the validity of initial EC had expired on 27.12.2020 and with Covid extension the EC validity expired on 27.12.21. The Proponent has applied for the extension of EC on 31.01.2022, which is well within the stipulated time frame of EIA Notification. However, the Authority observed that the proponent has submitted a revised mine plan for 7.2782 Ha, in which the extent of area is different from that of the initial EC. As per the existing norms, the proponent has to apply for ToR for EIA study. Hence the Authority decided to direct the Proponent to submit a fresh application for ToR through PARIVESH Portal.

**Item No.116.24**      **Environmental Clearance for the Granite Building Stone Quarry of Sri. Ananthu Sunil for an area of 3.6153 Ha in Sy No. 231 part (Govt. Land) at Konnathady Village, Idukki Taluk, Idukki District, Kerala**  
(SIA/KL/MIN/ 209584/2021; 1903/EC3/2021/SEIAA)

The Authority perused the item and noted the decisions of various SEAC and SEIAA meetings, the field inspection report of the Sub-Committee. The Authority discussed the matter and observed that the MoEF&CC vide F. No. 1-4/2012-RE(Pt) dated 13.11.2013, issued a direction under Section 5 of the EPA, 1986, which stated that the Ministry has accepted the HLWG report “in principle” . As per this direction the mining activities in the 123 ESA villages in Kerala are prohibited.

Since the issuance of Direction, the Ministry has been issuing draft ESA Notification for suggestions and clarifications from the respective States. The Authority is of the opinion that, till the issuance of final ESA Notification, the Directions issued on 13.11.2013 shall prevail for ESA villages and hence mining shall not be permitted in ESA villages. In this context, the Authority decided to adhere to its decision in 114<sup>th</sup> meeting and inform the same to Project proponent.

**Item No.116.25**      **Environment Clearance issued by DEIAA for the Building Stone Quarry of M/s GKV Granites for an area of 1.4176 Ha in Sy. Nos. 10/3-1, 10/3-2, 10/4, 10/7 of Mookkannoor Village, Aluva Taluk. Judgment in WP (C) No. 25968 of 2020 (U) dated 08-12-2020 (regarding revalidation).**

**Judgment in WP (C) No. 5385 of 2022 dated 31-03-2022 filed by Sri. Shibu P.K., Sri. P.J. Joy and Sri. Jinu Varghese (File No: 2790/EC3/2020/SEIAA)**

The Authority perused the letter from Kerala State Pollution Control Board and decided to direct the Chairman, SEAC to nominate a Member to the Committee as requested by the Pollution Control Board and inform the same to KSPCB. Kerala State Pollution Control Board may be requested forward the decision of the Committee for necessary follow up action by SEIAA in obedience to direction of H'ble High Court in WP (C) No. 5385 of 2022 dated 31-03-2022.

**Item No.116.26**      **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Abdul Muneer C., M/s Indo Black Stone in Sy No. 1618 (Not final) at Koodaranji Village, Koodaranji Panchayth, Thamarassery Taluk, Kozhikode District. (Judgment in WP (C) No. 9574/2021 filed by Sri. Abdul Muneer C – Revalidation of EC. (File No.862/SEIAA/EC4/2991/2015)**

The Authority discussed the item and decided to give an opportunity to the Proponent for hearing in the next SEIAA meeting. Intimation regarding the same may be given to the Proponent well in advance.

**Item No.116.27**      **Environmental Clearance for the Building Stone Quarry project of Mr. Sri. Sumith Goyal, Managing Director, M/s. RDS Project Ltd in Re-Sy No. 74/1D of Kuttoor Village, Payyannur Taluk, Kannur District (SIA/KL/MIN/ 45999/2019; 1504/EC3/2019/SEIAA)**

The Authority perused the item and noted the complaint received and decided the following:

1. Give a detailed reply to the complainant explaining all the actions taken by SEIAA so far.
2. File the Counter Affidavit in Miscellaneous Application No. 04/2022 filed by the Project Proponent before the NGT, if it is not already filed.
3. Forward the complaint to SEAC and intimate that during the appraisal of adjacent projects, the present circumstances and directions of Hon'ble Courts shall be taken into consideration before final recommendation.

**Item No.116.28**      **Clarification request by Registrar, Kannur University on Environmental Clearance for University Building - reg [File No.1553/EC4/ 2022/ SEIAA]**

The Authority discussed the matter and decided to inform the Registrar, Kannur University that as per S.O 3252 (E) dated 22-12-2014 of MoEF&CC educational institutions are exempted from obtaining prior Environmental Clearance. The order doesn't have retrospective effect.

**Item No. 116.29**      **Approval of Mining Plan & Presentation by fake RQP's in SEAC Meeting -Petition lodged by All Kerala RQP Association – reg. (File No.931/A1/2022/SEIAA)**

The Authority perused the item and decided the following:

- 1) If the mining area is less than 5 ha, a certified recognised Qualified Person (RQP)



approved by Government of Kerala or the Director of Mining and Geology, Government of Kerala or by any recognised person under rule 22 B of the Mineral concession rules 1960 can prepare mining plan.

- 2) In case the mining area is greater than 5 ha or in case of cluster situations there shall be an EIA/EMP and the same shall be prepared by a NABET Accredited Agency. The Functional Area Expert/Associate of the NABET accredited agency shall present the EIA/EMP as well as mining plan and in case the Functional Area Expert/Associate is not an RQP, then the RQP who prepared and signed the mining plan shall present the mining plan separately.
- 3) It is observed that sometimes in case of applications for mining projects; the applicants upload only pre-feasibility report or few pages of Mining Plan in PARIVESH portal. Whereas, it is mandatory to upload the mining plan complete in all respect including all annexures. Otherwise, the applications will be considered incomplete and they will be rejected without any intimation.
- 4) SEAC should ensure that only the certified RQP who prepared and signed Mining Plan will appear and present the same before the SEAC. The RQPs should come prepared in all respect to present the mining plan and answer queries to the satisfaction of SEAC. The RQPs who habitually do not keep the appointments will be disqualified from appearing before SEAC.
- 5) These instructions will come into the effect from the date the minutes are uploaded in the website of SEIAA.

**Item No. 116.30**      **Request for Honorarium/Sitting fee for site visit conducted by Members of SEIAA/SEAC**  
**(File No.985/A1/2022/SEIAA)**

The Authority discussed the item and decided to entrust the Administrator, SEIAA to forward a detailed proposal to the Government to reconsider decision

**Item No.116.31**      **Environmental Clearance for the Granite Building Stone Quarry of M/s. Kalpetta Rocks Private Limited for an area of 4.6923 Ha. (11.5946 Acres) in Block No. 29, Re-Sy Nos. 50/2, 50/3, 50/4, 50/5,**

**678/67, 678/69, 678/70, 678/74, 678/163, Thrikkaipetta Village, Vythiri Taluk, Wayanad District, Kerala State, India.  
(SIA/KL/MIN/140072/2020, 1631/EC2/2020/SEIAA)**

The Authority discussed the item and decided to give an opportunity to the Proponent for hearing in the next SEIAA meeting. Intimation regarding the same may be given to the Proponent well in advance.

**Item No. 116.32      Environmental Clearance for the Expansion of Caritas Hospital, Thellakom, Kottayam with the addition of a Hospital building, Geriatric Centre (Nursing Home) & Doctor's quarter's block, Block for Nuclear Medicine and an Amenity Centre in Phase I and a Staff Quarters block and Multilevel Mechanical Car Parking System in Phase 2 in Survey Nos. 188/10, 200/1, 200/2, 200/3, 200/4, 201/8, 201/8-1, 201/9, 201/9-1, 201/10, 201/15, 201/15-1, 201/24, 201/26, 201/26-1, 201/26-2, 202/3, 202/4-2 at Peroor village, Kottayam Taluk, Kottayam District, Kerala by Fr. Thomas Animoottil, Director, M/s Caritas Hospital (File No.1184/A2/2018/SEIAA)**

Fr. Thomas Animoottil, Director, Caritas Hospital, Thellakom P.O., Kottayam-686630, vide his application received online, has sought Environmental Clearance under EIA Notification, 2006, for the proposed project in Survey Nos.188/10, 200/1, 200/2, 200/3,200/4, 201/8, 201/8-1, 201/9, 201/9-1, 201/10, 201/15, 201/15-1, 201/24, 201/26, 201/26-1, 201/26-2, 202/3, 202/4-2 at Peroor village, Kottayam Taluk, Kottayam District, Kerala.

The Authority noted that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Conceptual Plan and the Field Inspection Report. After the due appraisal, the SEAC in its 101<sup>st</sup> meeting recommended EC, subject to certain Specific Conditions in addition to the General Conditions. Authority also noticed that the Proponent has already remitted the Bank Guarantee towards Remediation Plan and Natural and Community Augmentation Plan and violation procedure has also been initiated by Kerala State Pollution Control Board.

Under the circumstances, Authority decided to issue Environmental Clearance for a period of 7 years for the Expansion of Caritas Hospital subject to the following Specific Conditions in addition to the General Conditions.

- 1) Excavated ordinary earth must be stored properly with fencing to avoid erosion during monsoon.*
- 2) Proper afforestation plan must be implemented to plant 3 seedlings for every tree removed.*
- 3) Action for developing a green belt of local species of trees and plants as part of afforestation required to be done in the project at boundary of the compound all around for minimising pollution to the nearby habitation area*
- 4) Alternate parking facility to be provided till multilevel parking facility is commissioned and proper traffic management plan connecting different parking areas is to be evolved.*
- 5) As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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 1% 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.*
- 6) The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*
- 7) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project (Circular No.J-11013/41/2006-IA.II (I) of GoI, MoEF dt.22.09.2008).*

**Item No. 116.33**

**Vetting of reply to Audit requisition No.3 - reg.  
(File No.422/A1/2022/SEIAA)**

The Authority verified the item and approved the reply. The Authority also decided that the audit reply and similar cases may be given with the approval of Chairman/Member Secretary as the case may be.

**Item No. 116.34**

**Formulation of Guidelines for constitution and utilization of Environment Benefit Fund for compliance of NGT Judgment dated 25/1/2022 in O.A No. 75/2021  
(File No. 520/A1/2022/SEIAA)**

The Authority discussed the matter and decided to forward the draft note prepared by the Chairman to Member Secretary, SEAC for formulating guidelines suitable for the Kerala State and for the approval of the same by SEAC. Further, the guidelines if any from NGT/MoEF&CC on the subject may also be referred. We may request Standing Counsel in NGT to provide a copy of the same if available. The approved guidelines by SEAC may be placed before SEIAA for further approval before it is submitted to Govt. of Kerala.

**Item No.116.35**

**Approval of Reply to Loksabha /Rajya Sabha Starred/Unstarred Questions- reg.  
(File No.1853/A1/2022/SEIAA)**

The Authority verified the item and approved the reply. The Authority also decided that the reply to LA Interpellations and similar cases may be given with the approval of Chairman/Member Secretary as the case may be.

**Item No.116.36**

**Report submitted by the District Collector, Malappuram based on the Judgment in WP (C) No. 27987/2019(W) filed by Sri. Saseendran and others before the Hon'ble High Court of Kerala  
(File No. 3424/A2/2021/SEIAA)**

The Authority perused the item and noted the directions of H'ble high Court of Kerala in Judgement dated 16.12.2019 in WP(C) 27987/2019(W) and Judgment dated 28.03.2022 in WP (C) 6268/2022. The Authority noticed that the Hon'ble High Court of Kerala vide its Judgment dated 16.12.2019 in WP(C) 27987/2019(W) directed the District Collector, Malappuram to submit a report with his recommendation to SEIAA and after obtaining the report, the SEIAA shall there upon consider the complaints and dispose of the same, after hearing the affected parties. The District Collector, Malappuram has given a report.

The Authority heard the proponent and the complainant to comply with the Judgement and directed them to submit the hearing notes and they have submitted hearing notes. The Authority also observed that the Hon'ble High Court of Kerala in Judgement dated 28.03.2022 in WP (C) 6268/2022 has directed the District Disaster Management Authority to conduct a detailed study regarding the matter and take a decision within 2 months, in which SEIAA is not a respondent. It is noticed that District Collector, Malappuram has also given a report to State Disaster Management Authority, the contents of which are not known to Authority. As there are two Court directions to two independent Authorities, the Authority decided the following

1. Request the District Collector, Malappuram to submit a report with his recommendations as directed by Hon'ble High Court of Kerala vide its Judgment dated 16.12.2019 in WP(C) 27987/2019.
2. To obtain a legal opinion as to whether SEIAA has to proceed as per the Judgment in WP(C) No.27987/2019.

**Item No. 116.37**      **Environmental Clearance issued to M/s Trissur Sand and Gravel (p) Ltd – Compliant by the Secretary Madakkathara Grama Panchayat (File No.991/EC1/4812/SEIAA)**

The Authority examined the explanation submitted by the Proponent in detail with relevant notifications and other existing norms and documents and observed that the averments mentioned by the Proponent in his explanation are not acceptable due to the following reasons:

1. The project area falls within 10km radius of Peechi-Vazhani Wildlife Sanctuary

and hence it warrants statutory clearance from the National Board of Wildlife. As per the General Condition 31 of EC, it is already mentioned that the Proponent should obtain all the statutory clearances as applicable from the respective authorities before commencement of quarrying operations. Hence it is the mandate of the proponent to get Wildlife Clearance from NBWL prior to the commencement of the activity.

2. Even if we go by his averment that he is bound by only OM's dated 2.12.2009 and 30.3.2015, in para 2(i) of OM's dated 2.12.2009 it is clearly stated that the project proponent should obtain wildlife clearance before starting the activity and OM dated 30.03.2015 reiterates what is mentioned in OM's dated 2.12.2009. Further without admitting his averment that he is bound by OM dated 08.08.2019, it is to be noted that he has not made any attempt to get wildlife clearance even after 08.08.2019 and continued to operate without a valid wild life clearance. It is reiterated that, as per the prevailing O.M.s the Proponent has to submit the application before the Standing Committee of the National Board of Wildlife to get the Wildlife Clearance and obtain clearance from National Board for Wild Life before commencing mining.
3. The project proponent cannot take the shelter of H'ble High Court Judgement in WP(C)26431/2019 dated 18/12/2019 as the EC was issued to the Proponent prior to the Judgements of Hon'ble High Court and benefit of it can't be claimed for the mining operations started much earlier. The Judgement can have only prospective effect.
4. The follow up action taken by Project Proponent to obtain the clearance from National Board for Wildlife subsequent to H'ble High Court of Kerala Judgement in WP(C) 1411/2020 dated 23/01/2020 which is claimed to be specific to Project Proponent, are not known to Authority. In all probability there was no follow up action from Project Proponent knowing full well that he may not get clearance from National Board of Wildlife as he has violated all the existing rules and regulations.
5. Apart from violation in obtaining the mandatory Wild life clearance, the Secretary Madakathara Grama Panchayat has complained that the functioning of quarry has resulted in various environmental issues in the project region and damage to

public property.

Under the above narrated circumstance, the Authority observed that the Proponent has violated the EC conditions, the existing norms / directions and also misrepresented facts. Hence the Authority decided the following before issuing EC cancellation order under section 8 (vi) of EIA notification 2006:

1. Issue a DO letter to District Collector Thrissur from Member Secretary SEIAA seeking definite recommendation if EC has to be cancelled for the reasons mentioned in the complaint of the Secretary Madakathara Grama Panchayat, other than violation of Wildlife Clearance norm, for which a separate action is being taken.
2. Ascertain from the Project Proponent, the follow up action if any taken by him in obedience to the directions contained in WP(C) 1411/2020 dated 23/01/2020, which is claimed to be specific to him.
3. Seek legal advice from Standing Counsel narrating entire range of events chronologically leading to proposed cancellation of EC under section 8 (vi) of EIA notification 2006.

# **PARIVESH FILES**

## **PART - 1**

### **CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE**

#### **Item No.1**

**Environmental Clearance for the Granite Building Stone Quarry of Sri. V. J. Chacko, M/s. Amala Granite Products for an area of 2.4929 Ha in Survey No: 14/6(P), 14/7(P), 14/8(P), 14/9(P) and 14/10(P) at Parlikkad Village, Thalappilly Taluk, Thrissur District SIA/KL/MIN/155091/2020, 1816/EC6/2020/SEIAA (EC Proposal) & SIA/KL/MIN/38577/2019, 1402/EC2/2019/SEIAA (ToR proposal)**

Sri. V.J. Chacko, M/s. Amala Granite Products, Vadakkethala, Pindani House, Chettupuzha P.O., Thrissur District submitted an application to SEIAA through PARIVESH on 21.12.2019 for Environmental Clearance for the Granite Building Stone Quarry for an area of 2.4929 Ha in Survey No: 14/6(P), 14/7(P), 14/8(P), 14/9(P) and 14/10(P) at Parlikkad Village, Thalappilly Taluk, Thrissur District.

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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Filed Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project life of 8 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority noted that the proposed project site is within 10 km from the nearest protected area and the proponent has not submitted the proof regarding the submission of Wildlife Clearance application before the Standing Committee of National Board of Wildlife. In this context, the Authority decided to defer the proposal for the want of proof of application for Wildlife Clearance submitted before National Board of Wild Life and inform the same to Project proponent. Authority also decided to direct the proponent to submit the revalidated Mining Plan.



**Item No.2****Environmental Clearance for the Laterite Building Stone Quarry of Sri. Asokan K. for an area of 0.2800 Ha in Sy No. 518/8 of Thamarakkulam Village, Mavelikkara Taluk, Alappuzha District, Kerala  
(SIA/KL/MIN/170738/2020; 1943/EC2/SEIAA/2022)**

Sri. Asokan K., Devana, Thamarakkulam P.O, Alappuzha 690530 vide application received on 17.09.2021, sought Environmental Clearance for the Laterite Building Stone Quarry project for an area of 0.2800 Ha in Sy No. 518/8 of Thamarakkulam Village, Mavelikkara Taluk, Alappuzha District, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project life of 2 years, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for the project life of 2 years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the 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. Green belt development in the buffer should be done in the first year of the project itself using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- 4. Appropriate drainage arrangement from the mine pit should be ensured.*
- 5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- 6. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*

- 7. 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.*
- 8. 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. Noufal Pookath for an area of 0.1943 Ha in Sy No. 131 in Pattithara Village, Pattambi Taluk, Palakkad District, Kerala.  
(SIA/KL/MIN/191025/2021; 1955/EC1/2022/SEIAA)**

Sri. Noufal Pookath, Pookath House, Anghadi Post, Padinharangadi, Palakkad submitted an application for Environmental Clearance via PARIVESH on 02.01.2021 for the Laterite Building Stone Quarry project for an area of 0.1943 Ha in Survey No. 131 in Pattithara Village, Pattambi Taluk, Palakkad District, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained.*
- 4. Appropriate drainage arrangement from the mine pit should be ensured.*
- 5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- 6. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- 7. 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.*
- 8. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.4**

**Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Nazar K. A. for an area of 0.0971 Ha in Re-Sy No. 39/6 of Kulayattikkara Village, Kanayannoor Taluk, Ernakulam District, Kerala  
(SIA/KL/MIN/196571/2021; 1932/EC3/2022/SEIAA)**

Sri. Nazar K. A. Kaithakkattu House, Kanjiramattom, Amballur (P.O) Ernakulam 682315, submitted an application for EC on 04.02.2021 for an area of 0.0971 Ha in Re - Sy. No. 39/6 of Kulayattikkara Village, Kanayannoor Taluk, Ernakulam District, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project 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.**

- a) The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- b) 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.*
- c) Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- d) Appropriate drainage arrangement from the mine pit should be ensured.*
- e) Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- f) As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*

- g) 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.*
- h) 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 of Sri. Noushad C. M. for an area of 0.0971 Ha in Re-Sy No. 56/2 of Chithari Village, Hosdurg Taluk, Kasaragod District, Kerala (SIA/KL/MIN/199526/2021; 2022/EC2/2022/SEIAA)**

Sri. Noushad C M, Shoukathali Manzil, Chithari P.O, Kasargod 671531 vide application received on 01.06.2022, sought Environmental Clearance for the Laterite Building Stone Quarry project in Re-Sy No. 56/2 of Chithari Village, Hosdurg Taluk, Kasaragod District, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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) Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years.*
- 4) Appropriate drainage arrangement from the mine pit should be ensured.*
- 5) Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- 6) As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- 7) 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.*
- 8) The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.6**

**Environmental Clearance for the Laterite Building Stone Quarry of Sri. Saji for an area of 0.3994 Ha in Block No. 71, Re-Sy No. 163**

**in Karimpuzha 1 Village, Ottappalam Taluk, Palakkad District,  
Kerala.  
(SIA/KL/MIN/217111/2021; 1950/EC1/2022/SEIAA)**

Sri. Saji, Parambil Peedika House, Karimpuzha, Attasseri, Palakkad, submitted an application for Environmental Clearance via PARIVESH on 28.06.2021 for the Proposed Laterite Building Stone Quarry Project for an area of 0.3994 Ha in Block No. 71, Re-Survey No: 163 in Karimpuzha 1 Village, Ottappalam Taluk, Palakkad District, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project life of 2 year, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for the project life of 2 (two) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the 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. Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- 4. Appropriate drainage arrangement from the mine pit should be ensured.*
- 5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- 6. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*

- 7. 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.*
- 8. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.7**

**Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Abdul Gafoor Thathrampalli for an area of 0.1942 Ha in Re-Sy No. 454/2-1 in Ponmala Village, Tirur Taluk, Malappuram District  
(SIA/KL/MIN/228143/2021; 1980/EC6/2022/SEIAA)**

Sri. Abdul Gafoor Thathrampalli, Thathrampalli House, Marakkara Post, Maruthichira, Malappuram – 676528 submitted an application in SEIAA through PARIVESH on 06.04.2022 for Environmental Clearance for the Laterite Building Stone Quarry project for an area of 0.1942 Ha in Re-Sy No. 454/2-1 in Ponmala Village, Tirur Taluk, Malappuram District.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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 mining should be done after leaving a buffer distance of 15 m between the Panchayath road and the Project site*
- 4) *Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- 5) *Appropriate drainage arrangement from the mine pit should be ensured.*
- 6) *Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- 7) *As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- 8) *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.*
- 9) *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.8**

**Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Muhammad Ninshaj A. M. for an area of 0.2751 Ha in Block No.14, Re-Sy No. 38/2 in Muthuvallur Village, Kondotty Taluk, Malappuram District  
(SIA/KL/MIN/228875/2021; 1981/EC6/2022/SEIAA)**

Sri. Muhammad Ninshaj A.M., Athimannil House, Kidangazhi, Karuvambram P.O, Malappuram – 676 123 submitted an application in SEIAA through PARIVESH on 25.03.2022 for Environmental Clearance for the Laterite Building Stone Quarry project for an area of 0.2751 Ha in Block No.14, Re-Sy No. 38/2 in Muthuvallur Village, Kondotty Taluk, Malappuram District.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project 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.**

- a) The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- b) 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.*
- c) Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- d) Appropriate drainage arrangement from the mine pit should be ensured.*
- e) Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- f) The depth of mining should be limited to 2m above the groundwater table*
- g) As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*

- h) 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.*
- i) The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.9**

**Environmental Clearance for the Proposed Laterite Building Stone Quarry of Sri. Mahesh K. S. for an area of 0.0971 Ha in Re-Sy. No 171/4-2 in Keecheri (Amballur Group) Village, Kanayannur Taluk, Ernakulam District.  
(SIA/KL/MIN/229543/2021; 2018/EC3/2022/SEIAA)**

Sri. Mahesh K. S., Kannammyalil House, Kulayettikkara. P.O., Amballur, Kanjiramattom, Ernakulam - 676553, submitted an application for EC on 16/09/2021 for an area of 0.0971 Ha in Re-Sy. No. 171/4-2 in Keecheri (Amballur Group) Village, Kanayannur Taluk, Ernakulam District, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years.*
- 4. Appropriate drainage arrangement from the mine pit should be ensured.*
- 5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- 6. The depth of mining should be limited to 1m above the groundwater table.*
- 7. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- 8. 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.*
- 9. The violation of EC condition may lead to cancellation of EC and action under*

**Item No.10      Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Mohamed Kunhi in Re-SyNos. 24/5, 24/6 in Koodathi Village, Thamarassery Taluk, Kozhikode District, Kerala (SIA/KL/MIN/229643/2021; 1929/EC4/SEIAA/2021)**

Sri. Mohamed Kunhi, Naduvilpatt House, Karaparamba P.O, Kozhikode-673010 submitted an application through PARIVESH on 16.09.2021 for Environmental Clearance to SEIAA for the proposed Laterite Building Stone Quarry Project for an area of 0.097 Ha, in Re-Sy Nos.24/5, 24/6 in Koodathai Village, Thamarassery Taluk, Kozhikode District, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- 4. Appropriate drainage arrangement from the mine pit should be ensured.*
- 5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon*
- 6. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*

- 7. 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.*
- 8. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.11**

**Environmental Clearance for the Laterite Building Stone Quarry of Sri. Mathew V. C, for an area of 0.1942 Ha in Sy. Nos. 228/8-1-13-13 Maneed Village, Muvattupuzha Taluk, Ernakulam District. (SIA/KL/MIN/229743/2021; File No.2016/EC3/2022/SEIAA)**

Sri. Mathew V. C., Venginikattukudilil, Vadayapparambu, Veliyanad P.O, Arakkunnam Ernakulam- 682313 submitted an application for EC on 17/09/2021 for the Laterite Building Stone Quarry project for an area of 0.1942 Ha in Sy No. 228/8-1-13-13 Maneed Village, Muvattupuzha Taluk, Ernakulam District., Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project 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.**

- a. The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- b. 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.*
- c. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- d. Appropriate drainage arrangement from the mine pit should be ensured.*
- e. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- f. The depth of mining should be limited to 2m above the groundwater table.*
- g. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- h. 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.*
- i. The violation of EC condition may lead to cancellation of EC and action under*

**Item No.12**                      **Environmental Clearance for the Laterite Building Stone Quarry of Sri. Mathew V. C, for an area of 0.2913 Ha in Sy. No 228/8-1-14-2, Maneed Village, Muvattupuzha Taluk, Ernakulam District. (SIA/KL/MIN/229745/2021; 2017/EC3/2022/SEIAA)**

Sri. Mathew V. C., Venginikattukudilil, Vadayapparambu, Veliyanad P.O, Arakkunnam Ernakulam- 682313, submitted an application for EC on 17/09/2021 for the Laterite Building Stone Quarry project for an area of 0.2913 Ha in Sy. No 228/8-1-14-2 Maneed Village, Muvattupuzha Taluk, Ernakulam District.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project 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.**

- a. The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- b. 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.*
- c. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- d. Appropriate drainage arrangement from the mine pit should be ensured.*
- e. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- f. The depth of mining should be limited to 2m above the groundwater table.*



- g. *As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- h. *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.*
- i. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.13**

**Environmental Clearance for Ordinary Brick Clay Mining of M/s Kollam District Scheduled Caste Industrial Co-Operative Society Ltd for an area of 0.0323 Ha in Block No. 2, Re-Sy No. 255/3 of Pattazhy Vadakkekara Village, Pathanapuram Taluk, Kollam District, Kerala  
(SIA/KL/MIN/236170/2021; 1967/EC2/SEIAA/2022)**

Sri. Sanal Kumar, Secretary, Kollam District Scheduled Caste Industrial Co-operative Society Ltd. No. SIND (Q) 29, Puthukkad P.O, Chavara, Kollam – 691585, Kerala sought Environmental Clearance on 07.04.2022 for the mining of Ordinary Brick Clay for an area of 0.0323 Ha in Block No. 2, Re-Sy No. 255/3 of Pattazhy Vadakkekara Village, Pathanapuram Taluk, Kollam District, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report and Mining Plan. After the due appraisal,

the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for 6 months subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for the period of 6 months for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

- a. The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- b. 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.*
- c. The depth of mining should be limited to 2m above the groundwater table.*
- d. The mined area should be restored for facilitating agriculture.*
- e. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.14**

**Environmental Clearance for Laterite Building Stone Quarry of Sri. Radhakrishnan M for an area of 0.0971 Ha in Re-Sy No. 32/PT28 of Kolathur Village, Kasargod Taluk, Kasaragod District, Kerala  
(SIA/KL/MIN/237079/2021; 2009/EC2/2022/SEIAA)**

Sri. Radhakrishnan M, Adkath Vayal House, P.O Mylaty, Kasargod 671319 vide application received on 10.11.2021, sought Environmental Clearance for the Laterite Building Stone Quarry project for an area of 0.0971 Ha in Re-Sy No. 32/PT28 of Kolathur Village, Kasargod Taluk, Kasaragod District, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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. Fix the boundary pillars marked with latitude and longitude firmly and submit photographs of the same.*
- 4. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years.*
- 5. Appropriate drainage arrangement from the mine pit should be ensured.*
- 6. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- 7. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- 8. 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.*

9. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.15**      **Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Mohammed Basheer for an area of 0.1940 Ha in Re-Sy No. 143/6 Ponmala Village, Tirur Taluk, Malappuram District**  
**(SIA/KL/MIN/237277/2021, 2003/EC6/2022/SEIAA)**

Sri. Mohammed Basheer, Varikkodan House, Randathani Post, Malappuram, submitted an application for Environmental Clearance through PARIVESH on 05.05.2022 for the Laterite Building Stone Quarry for an area of 0.1940 Ha in Re-Sy No.143/6, Ponmala Village, Tirur Taluk, Malappuram District.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project 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.**

- a. The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- b. 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.*
- c. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- d. Appropriate drainage arrangement from the mine pit should be ensured.*
- e. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon*

- f. *The depth of mining should be limited to 2m above the groundwater table*
- g. *Affidavit stating that a buffer distance as per the existing distance norms will be maintained between the project site and houses and other built structures.*
- h. *As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- i. *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.*
- j. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.16**

**Environmental Clearance for the Laterite Building Stone Quarry of Sri. Muhammed Anees P., for an area of 0.1944 Ha in Block No. 74, Re-Sy No. 351/2, 4 in Karimpuzha-2 Village, Ottapalam Taluk, Palakkad District, Kerala  
(SIA/KL/MIN/242420/2021; 1994/EC1/2022/SEIAA)**

Sri. Muhammed Anees P., Kallingal House, Pombra, Karimbuzha, Ottapalam, Palakkad submitted an application for Environmental Clearance via PARIVESH on 03.12.2021 for the proposed Laterite Building Stone Quarry project for an area of 0.1944 Ha in Block No. 74, Re-Sy No. 351/2, 4 in Karimpuzha-2 Village, Ottapalam Taluk, Palakkad District, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project life of 2 year, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for the project life of 2 (two) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

- a. The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- b. 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.*
- c. Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- d. Appropriate drainage arrangement from the mine pit should be ensured.*
- e. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon*
- f. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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.*

- g. *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.*
- h. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.17**

**Environmental Clearance for the Laterite Building Stone Quarry of Sri. Bobby. C, for an area of 0.1244 Ha in Sy No. 272/1 of Pattithara Village, Pattambi Taluk, Palakkad District, Kerala. (SIA/KL/MIN/243965/2021; 1954/EC1/2022/SEIAA)**

Sri. Bobby. C S/o Vijayan Chathayil House Anakkara Post, Palakkad submitted an application for Environmental Clearance via PARIVESH on 10.12.2021 for the Laterite Building Stone Quarry project for an area of 0.1244 Ha in Sy No. 272/1 of Pattithara - Village, Pattambi -Taluk, Palakkad- District, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project life of 2 year, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for the project life of 2 (two) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

- a. *The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- b. *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.*

- c. Fix the boundary pillars marked with latitude and longitude firmly and submit photographs of the same.*
- d. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- e. Appropriate drainage arrangement from the mine pit should be ensured.*
- f. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- g. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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.*
- h. 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.*
- i. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*



**Item No.18**

**Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Raman P., for an area of 0.5093 Ha in Re-Sy Nos. 83/6 & 84/10 in Panthallur Village, Ernad Taluk, Malappuram District  
(SIA/KL/MIN/244813/2021; 1979/EC6/2022/SEIAA)**

Sri. Raman P., Palamuttath House, Udumbathupadi, Kadamkode Post, Malappuram, submitted an application for Environmental Clearance through PARIVESH on 20.04.2022 for the Laterite Building Stone Quarry project for an area of 0.5093 Ha in Re-Sy Nos. 83/6 & 84/10 in Panthallur Village, Ernad Taluk, Malappuram District.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project life of 2 year, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for the project life of 2 (two) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

- a. The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- b. 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.*
- c. Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- d. Appropriate drainage arrangement from the mine pit should be ensured.*
- e. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon*
- f. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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.*

- g. 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.*
- h. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.19**

**Environmental Clearance for Laterite Building Stone Quarry of Sri. M. K. Jiji for an area of 0.0971 Ha in Sy No.448/1A pt 1496 in Thayannur Village, Vellarikund Taluk, Kasaragod District, Kerala  
(SIA/KL/MIN/252261/2022; 2008/EC2/2022/SEIAA)**

Sri. M.K Jiji, Marattukulam House, P.O Kalichanadkam, Kasargod 671314 vide application received on 20.01.22, sought Environmental Clearance for the Laterite Building Stone Quarry project in Survey No.448/1A pt 1496 at Thayannur Village, Vellarikund Taluk, Kasaragod District, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal,

the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project life of 2 year, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for the project life of 2 (two) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

- a. The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- b. 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.*
- c. Fix the boundary pillars marked with latitude and longitude firmly and submit photographs of the same.*
- d. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- e. Appropriate drainage arrangement from the mine pit should be ensured.*
- f. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon*
- g. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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.*
- h. 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.*

- i. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.20**

**Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Noushad C. K. for an area of 0.0972 Ha in Block No.14, Re-Sy Nos. 64/4, 64/1-2, Muthuvallur Village, Kondotty Taluk, Malappuram District  
(SIA/KL/MIN/262736/2022; 1997/EC6/2022/SEIAA)**

Sri. Naushad C.K, Kanjirathingal House, Valiyaparambu Post, Malappuram, submitted an application for Environmental Clearance through PARIVESH on 12.05.2022 for the Laterite Building Stone Quarry project for an area of 0.0972 Ha in Block No.14, Re-Sy Nos. 64/4, 64/1-2 in Muthuvallur Village, Kondotty Taluk, Malappuram District.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project life of 2 year, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for the project life of 2 (two) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

- 1) The proponent shall carry out quarrying as per the approved Mining Plan and the 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) Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years.*
- 4) Appropriate drainage arrangement from the mine pit should be ensured.*
- 5) The CER should be implemented as per Rules.*
- 6) Transportation of mined material should not be done during the peak hours in the forenoon and afternoon*
- 7) As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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.*
- 8) 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.*
- 9) The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.21**

**Environment Clearance for the Granite Building Stone Quarry of Sri. Abbas Haji B. K., for an area of 0.4916 Ha in Re-Sy Nos. 82/2C, 82/2D Panayal Village, Hosdurg Taluk, Kasaragod, Kerala (SIA/KL/MIN/266053/2022, 2004/EC2/2022/SEIAA**

Sri. Abbas Haji B K, Chirakkal, Panavayal P.O, Kasargod 671318 vide application received on 28.04.2022, sought Environmental Clearance for the proposed Granite Building Stone Quarry for an area of 0.4916 Ha in Re-Sy Nos. 82/2C, 82/2D, Panayal Village, Hosdurg 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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Filed Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.*
- 4. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.*
- 5. Compensatory afforestation should be initiated prior to the commencement of mining for the trees removed from the project site with indigenous species of trees and the*

*geocoordinates of the afforested place with photographs should be incorporated in the Half-Yearly Compliance Report.*

- 6. The garland canal, silt traps, siltation pond and outflow channel should be established prior to the commencement of mining.*
- 7. The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically to ensure unhindered drainage of overland flow and geotagged photographs should be incorporated in the Half-Yearly Compliance Report.*
- 8. A protective wall of appropriate height should be provided for the overburden dumping site.*
- 9. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).*
- 10. A retaining wall should be provided for the dumping site to a height of about 2M*
- 11. Measures should be taken for slope protection along the section AA. The Proponent should submit an affidavit in this effect.*
- 12. The Project Proponent shall take immediate measures to close the abandoned quarry in the Project site as per the final closure plan in the approved mining plan and as per KMMC Rules within 6 months and a report from District Geologist shall be produced to the effect that the final closure of quarry has been done as per the approved norms of department of Mining and Geology. The compliance of this condition should also be reported in the HYCR.*
- 13. 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.*
- 14. 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.*

*15. 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.*

*16. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.22**

**Environmental Clearance for the Laterite Building Stone Quarry of Sri. Ambujakshan N. T for an area of 0.0971 Ha in Sy No. 32/94 in Kolathur Village, Kasaragod Taluk, Kasaragod District, Kerala (SIA/KL/MIN/266595/2022, 2021/EC2/2022/SEIAA)**

Sri. Ambujakshan N. Nheruvil House, P. O., Kuttikol, Kasaragod 671541 vide application received on 04.06.2022, sought Environmental Clearance for the Laterite Building Stone Quarry project for an area of 0.0971 Ha in Sy No. 32/94, Kolathur Village, Kasaragod Taluk, Kasaragod District, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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. *Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years.*
4. *Appropriate drainage arrangement from the mine pit should be ensured.*
5. *The CER should be implemented as per Rules.*
6. *Transportation of mined material should not be done during the peak hours in the forenoon and afternoon*
7. *As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
8. *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.*
9. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.23**

**Environmental Clearance for the Granite Building Stone Quarry Project of Sri. K. J. Baiju for an area of 0.9818 Ha in Re-Sy No.**

**1472/3(P) in Thekkumkara Village, Thalappilly Taluk, Thrissur District, Kerala**  
**(SIA/KL/MIN/272377/2022; 1350/EC2/2019/SEIAA)**

Sri. K. J. Baiju, Managing Partner, M/s. B&B Granites, House No.11/384, Vattai, Kundukadu P.O, Thekkumkara, Thrissur 680028, vide application submitted in PARIVESH portal on 23.05.2022 (hardcopy of application received on 17.05.2019) under EIA Notification, 2006 for the Granite Building Stone Quarry project for an area of 0.9818 Ha in Re-Sy No.1472/3(P), Thekkumkara Village, Thalappilly Taluk, Thrissur District, 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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Filed Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC with the project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for the project life of 5 (five) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the 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. Since the quarry site is located within a distance of 10 km from the Peechi-Vazhani Wildlife Sanctuary, as per OM dated 8.8.2019 of MoEF&CC, Clearance from Standing Committee of the National Board for Wildlife is mandatory for mining activity. Hence the Project Proponent is directed to obtain Clearance from Standing Committee of the National Board for Wildlife before starting any activity at the site.*
- 4. Authority makes it amply clear that EC issued does not necessarily imply that*

*Wildlife clearance shall be granted to the Project Proponent and that the proposal for Wildlife clearance will be considered by the respective Authorities on its merit and decision taken accordingly. The investment made in the project if any based on this EC in anticipation of clearance from Wildlife angle shall be entirely at the cost and risk of the Project Proponent and MoEF&CC and SEIAA shall not be responsible in this regard in any manner.*

- 5. The house owned by the proponent in the middle of the quarry has to be demolished and an affidavit stating that it has been demolished should be submitted prior to the commencement of mining.*
- 6. The impact of vibration due to blasting should be monitored in terms of Peak Particle Velocity and Amplitude and included in the Half Yearly Compliance Report.*
- 7. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.*
- 8. The drainage channel, silt traps and collection tanks should be cleaned periodically to prevent obstruction to overland flows.*
- 9. If the abandoned quarry adjacent to the proposed project area is owned by the Proponent, the Project Proponent shall take immediate measures to close the abandoned quarry in the project site as per the final closure plan in the approved mining plan within 6 months and a report from district Geologist shall be produced to the effect that the final closure of quarry has been done as per the approved norms of Department of Mining and Geology. The compliance of this condition should also be reported in the HYCR. On receipt of the report, the SEAC shall verify the mine closure status.*
- 10. A copy of the EC shall be marked to IGF (WL), MoEF&CC, PCCF and Chief Wildlife Warden, Kerala, SEAC, District Collector, Thrissur and Director Mining and Geology, Department of Industries GoK, besides others for information and necessary further action.*
- 11. 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.*

- 12. 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.*
- 13. 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.*
- 14. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No. 24**

**Environmental Clearance for Granite Building Stone Quarry Project of Sri. M. H. Abdul Nousad in Sy Nos. 158/1, 158/2, 158/3, 159, Venganellor village, Thalappily Taluk, Thrissur District (SIA/KL/MIN/275580/2022; 1397/EC2/ 2019/SEIAA)**

The Authority noted that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, additional details/documents obtained from the proponent during

appraisal, Mining Plan and the Field Inspection Report. After the due appraisal, the SEAC in its 127<sup>th</sup> meeting recommended to issue EC for the project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority also noted that the proposed site is falls within 10km from the nearest protected area and the proponent has not submitted the proof regarding the Wildlife Clearance application before the Standing Committee of National Board of Wildlife. In this context, the Authority decided to defer the proposal for want of proof of application for Wildlife Clearance submitted before National Board of Wild Life and inform the same to Project proponent.

**Item No.25**                      **Environmental Clearance for the proposed Granite Building Stone Quarry of Sri. Binoy Jose for an area of 1.620 Ha in Sy. No. 336/3-3, 336/3-4 & 395/1 of Alakode Village, Thodupuzha Taluk, Idukki District.**  
**(SIA/KL/MIN/276440/2022; 1415(A)/EC2/2019/SEIAA)**

Sri. Binoy Jose, Elavumkal Veedu, Nagapuzha Post, Ernakulam - 686668, vide his application received online and the hard copy of the project received on 22.07.2019, sought Environmental Clearance EIA Notification, 2006 for the Granite Building Stone Quarry project for an area of 1.6200 Ha in Survey Nos. 336/3-3, 336/3-4 & 395/1 of Alakode Village, Thodupuzha Taluk, Idukki District. The project comes under Category B2, Activity 1(a), (i) as per the Schedule of EIA Notification 2006.

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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Filed Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project life of 7 years, subject to certain Specific Conditions in addition to the General Conditions.

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 for the next 5 years.

Authority decided to issue EC initially for a period of 5 (five) years for the quantity mentioned in the approved mining plan and then to extend the EC period to cover project life of 7 years, from the date of issuance of original EC, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has violated any EC conditions and thereby caused any damage to the environment in the project region by violating EC conditions.

The EC is subject to General Conditions and the following Additional Specific Conditions.

- 1) The proponent shall carry out quarrying as per the approved Mining Plan and the 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) Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.*
- 4) The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically to avoid obstruction to overland drainage.*
- 5) The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years*
- 6) The overburden dump should be protected with proper gabion wall to avoid soil erosion.*
- 7) The bottom bench should not be below the general water table.*
- 8) The transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- 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) 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.*

*11) 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.*

*12) The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.26**

**Environmental Clearance for Integrated Complex “Sobha City” in Survey Nos. 217, 218, 534 to 544, 546 to 556 in Puzhakkal, Guruvayoor Road, Thrissur District, Kerala (SIA/KL/MIS/76057/2022; 1449/EC2 /2019/SEIAA)**

Sri. Nisanth M. N, M/s Sobha Limited, Sarjapur-Marathahalli, Outer Ring Road, Bangalore vide application received online and the hard copy received on 12.07.19 sought Environmental Clearance under EIA Notification, 2006 for the Integrated Complex Project ‘Sobha City’ in Survey Nos. 217, 218, 534 to 544, 546 to 556, Puzhakkal Village, Kuttur Taluk, Thrissur District, Kerala.

The Authority noted that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Conceptual Plan and the Field Inspection Report. After due appraisal, the SEAC in its 118<sup>th</sup> and 129<sup>th</sup> meeting recommended the issuance of EC subject to the General Conditions.

The Authority decided to confirm the decision of 114<sup>th</sup> SEIAA meeting to issue Environmental Clearance for the construction of Integrated Complex “Sobha City” with a total built-up area of 2,56,017 m<sup>2</sup> as recommended by SEAC in its 118<sup>th</sup> meeting, to cover the balance area of 27,117.41 m<sup>2</sup> after the expiry of original EC, as requested by the Project Proponent, subject to the original EC and General Conditions. The validity of the EC will be 7 years from the date of issuance of EC.

## **PART - 2**

### **CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE**

**Item No.1**                      **Environment Clearance for Granite Building Stone Quarry of Sri. Najeem A., for an area of 0.9907 Ha in Sy No. 10/2pt, 10/4pt, 13/14pt, 13/15pt, 13/16 and 13/17pt, Veliyam Village, Kottarakkara Taluk, Kollam District of Kerala State (SIA/KL/MIN/131340/2019; 1574/EC2/2019/SEIAA)**

Mr. Najeem A, Punnavilavadakkathil Veedu, Vakkanadu P.O, Kareepra, Kollam District, Kerala- 691 509 vide application received on 14.12.2019, sought Environmental Clearance for the proposed Granite Building Stone Quarry project for an area of 0.9907 Ha in Survey No. 10/2pt, 13/17, 13/14pt, 10/4pt (Pvt. Land), 13/15pt, 13/16 (Govt. Land) of Veliyam Village, Kottarakkara Taluk, Kollam District of 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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Filed Inspection Report. Part of the project area is government land (0.1122Ha). But NOC is given only for 0.0552 Ha which doesn't



include buffer area. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project life of one year only after extending the validity of NOC and obtaining NOC for the buffer area also, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue EC as recommended by SEAC after obtaining valid NOC for 0.1122 Ha including buffer area and direct the Project Proponent accordingly.**

**Item No.2                      Environment Clearance for Granite Building Stone Quarry of M/s Aishwarya Granites for an area of 0.6803 Ha in Re-Sy No. 121/2 part of Elamadu Village, Kottarakkara Taluk, Kollam District., Kerala  
(SIA/KL/MIN/140436/2020; 1675/EC2/2020/SEIAA)**

Sri. A. M. Chackochan, Managing Partner, M/s Aishwarya Granites, Arkkannoor P.O, Elavinmoodu, Ayoor, Kollam – 691533, vide application received on 28.05.2020, sought Environmental Clearance for the proposed Granite Building Stone Quarry project for an area of 0.6803 Ha in Re-Sy. No. 121/2 part of Elamadu Village, Kottarakkara Taluk, Kollam District, Kerala.

The Authority noted the action taken by SEAC in its 115<sup>th</sup>, 117<sup>th</sup>, 123<sup>rd</sup>, 126<sup>th</sup> & 129<sup>th</sup> meetings held on different dates. The Committee in its 129<sup>th</sup> meeting examined the documents submitted by the proponent and discussed the field inspection report and decided to reject the application since there are many buildings including an M-Sand Unit located without complying to the distance norms.

**Authority agreed to the recommendation of SEAC to reject the proposal and inform the same to Project Proponent quoting the reasons for rejection.**

**Item No.3                      Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Anil Kumar for an area of 0.0971 Ha in Re-Sy No. 625/2B-1 of Ramamangalam Village, Muvattupuzha Taluk, Ernakulam District, Kerala  
(SIA/KL/MIN/142898/2020; 1596/EC4/2020/SEIAA)**

Sri. Anil Kumar. P.S, Devasadanam Veedu, Ooramana P.O, Ernakulam, Kerala, submitted an application for EC on 13/02/2020 for the Laterite Building Stone Quarry project for an area of 0.0971 Ha in Re-Sy No. 625/2B-1 of Ramamangalam Village, Muvattupuzha Taluk, Ernakulam District, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The Authority noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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. Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- 4. 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.*
- 5. The drain should be provided with silt traps and siltation pond and the overflow water should be drained to the nearest natural drain without any hindrance.*
- 6. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
- 7. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon*

8. *As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
9. *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.*
10. *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 Granite Building Stone Quarry of Sri. Abdul Salim, for an area of 1.7197 Ha in Re-Sy No. 90/1pt, 90/3pt, 88/1pt, 88/2pt & 88/3pt Pullampara Village, Nedumangadu Taluk, Thiruvananthapuram District, Kerala (SIA/KL/MIN/146731/2020; 1617/EC1/2020/SEIAA)**

Sri. Abdul Salim, Vilayil Veedu, Perumkuzhi P.O, Thiruvananthapuram District 695 305 submitted an application for Environment Clearance via PARIVESH on 02.03.2020 for the Granite Building Stone Quarry project for an area of 1.7197 Ha in Re- Sy No. 90/1pt, 90/3pt, 88/1pt, 88/2pt & 88/3pt Pullampara Village, Nedumangadu Taluk, Thiruvananthapuram District, Kerala.

Authority noted that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Field Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for the project life of 10 years with certain Specific Conditions in addition to the General Conditions.

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 decided to issue Environmental Clearance initially for a period of 5 years for the quantity mentioned in the approved mining plan and then to extend the EC period to cover the project life of 10 years, from the date of issuance of original EC, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region by violating EC conditions.

The EC is subject to General Conditions and the following Additional Specific Conditions.

1. *The proponent shall carry out quarrying as per the approved Mining Plan and the 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 lease/ permit 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. *Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.*
4. *Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.*
5. *The garland canal, silt traps, siltation pond and outflow channel should be established prior to the commencement of mining.*
6. *The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically to ensure unhindered drainage of overland flow and geotagged photographs should be incorporated in the half-yearly compliance report.*
7. *Compensatory afforestation should be done with indigenous species of trees and the geocoordinates of the afforested place with photographs should be*

*incorporated in the half-yearly compliance report.*

- 8. Detailed water level measurement data of nearby open wells with geo coordinates should be incorporated in the half-yearly compliance report.*
- 9. The boulders present in the lower slopes of land should be removed carefully and as proposed in the respective plan submitted by the proponent to prevent any accidents due to boulder slips.*
- 10. A retaining wall of appropriate height should be provided for the overburden dumping site.*
- 11. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).*
- 12. Haulage road should be maintained well with frequent sprinkling of water.*
- 13. 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.*
- 14. 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.*
- 15. 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.*

*16. In the interest of residential buildings located at a distance of 51-200 mts radius from the quarry site, the Project Proponent shall attend the following:*

- An impact vibration study has to be carried out through a reputed agency and the Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay within 3 months of commencing quarry operations and included in the Half Yearly Compliance Report. This study must be monitored by a committee which includes concerned ward member of Grama Panchayat and a representative of residents within 100 radius. The corrective measures have to be taken to minimize the vibration effect if any as suggested by the agency engaged for the study and the monitoring committee.*
- Priority should be given to the needs of local residences while implementing CER activities. If the need be the EMP approved shall be modified to accommodate these changes under intimation to SEAC*
- One of the local residents shall be made member of the Environmental management cell and their grievances shall be heard and addressed.*

*17. 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 the Laterite Building Stone Quarry of Sri. Ali N., for an area of 0.0971 Ha in Re-Survey No. 185/1 of Kattipparuthy Village, Tirur Taluk, Malappuram District, Kerala (SIA/KL/MIN/148469/2020; 1710/EC6/2020/SEIAA)**

Sri. Ali N., Neyyathur House, Punnathala P.O, Kurumbathur, Malappuram – 676 552 submitted an application for Environmental Clearance through PARIVESH on 13.06.2020 for the Laterite Building Stone Quarry project for an area of 0.0971 Ha in Re-Survey No. 185/1 of Kattipparuthy Village, Tirur Taluk, Malappuram District, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, Mining Plan & Field inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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. Green belt development in the buffer should be done during the first year itself using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- 4. 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.*
- 5. The drain should be provided with silt traps and siltation pond and the overflow water should be drained to the nearest natural drain without any hindrance.*
- 6. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
- 7. Transportation of mined material should not be done during the peak hours*

*forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).*

- 8. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- 9. 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.*
- 10. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.6**

**Environmental Clearance for the Granite Building Stone Quarry Project of Sri. V. P Ramankutty, Managing Partner, M/s Kulappully Granites for an area of 0.9415 Ha in Survey No. 4/3, of Vaniyamkulam-2 Village, Ottapalam Taluk, Palakkad District, Kerala  
(SIA/KL/MIN/153616/2020; 1809/EC1/2020/SEIAA)**

Sri. V. P. Ramankutty, Managing Partner, M/s Kulappully Granites, Velangeriparambil (H), Koonathara P.O, Ottappalam, Palakkad submitted an application for Environmental Clearance via PARIVESH on 19.05.2020 for the Granite Building Stone Quarry for an area of 0.9415 Ha in Survey No. 4/3, Vaniyamkulam-2 Village, Ottapalam Taluk, Palakkad District, 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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Filed Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended to issue EC for the project life of 4 years, subject to certain Specific Conditions in addition to the General Conditions.

**Authority decided to issue Environmental Clearance for the project life of 4 (four) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the 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 lease/permit 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. Development of the green belt all along the buffer zone using indigenous species should commence prior to the commencement of mining*
- 4. Compensatory afforestation is required as a portion of the buffer is not conducive to thick vegetation growth. Therefore, the proponent should submit the details and geo-tagged photographs of the location of land earmarked for compensatory afforestation prior to commencement of mining.*
- 5. CER proposed should be implemented during the first two years and it should be operated and maintained during the rest of the project period till the closure plan is implemented.*
- 6. Garland canal along with silt traps and siltation pond and outflow channel should be provided covering the entire project area*
- 7. The garland canal, silt traps, siltation pond, and outflow channel should be cleaned periodically to avoid any hindrance to overland drainage.*
- 8. 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.*

- 9. 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.*
- 10. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16<sup>th</sup> 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.*
- 11. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.7**

**Environmental Clearance for the Granite Building Stone Quarry Project of M/s K. Lekshmanan Infrastructure and Industries Pvt Ltd for an area of 0.9812 Ha in Sy Nos. 222/4, 222/5, 222/28, 222/14, 229/1- 2, 229/15, 229/15-2-1, 229/15-2-2 (Pvt Land) and 222/13, 222/21, 222/23, 222/24 (Govt Land) in Chadayamangalam Village, Kottarakkara, Taluk, Kollam Kerala (SIA/KL/MIN/154110/2020; 1730/EC2/2020/SEIAA)**

M/s K. Lekshmanan Infrastructures and Industries Pvt Ltd, Akkavila, Sreesarvana Nagar-200, Eravipuram P.O., Kollam submitted an application for Environmental Clearance via PARIVESH Portal on 01.06.2020 under EIA Notification, 2006 for the mining of Granite

Building Stone for an area of 0.9812 in Sy Nos. 222/4, 222/5, 222/28, 222/14, 229/1- 2, 229/15, 229/15-2-1, 229/15-2-2 (Pvt. Land) and 222/13, 222/21, 222/23, 222/24 (Govt. Land) in Chadayamangalam Village, Kottarakkara Taluk, Kollam District, 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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Filed Inspection Report. After the due appraisal, the SEAC in its 127<sup>th</sup> meeting recommended to issue EC for the project life of 3 years, subject to certain Specific Conditions in addition to the General Conditions.

In the 114<sup>th</sup> SEIAA meeting held on 25<sup>th</sup>, 26<sup>th</sup> May and 1<sup>st</sup> June 2022, Authority noticed that the Proponent submitted the Mining Plan only for one year. Hence the Authority directed the proponent to submit the approved Mining Plan with a mine life of 3 years. However, the Proponent submitted the same Mining Plan with an approved production only for the first year. **Authority noticed that the NOC is valid only for about 0.23 Ha excluding buffer area. Hence the proponent shall be directed to submit NOC for 0.4090 Ha including buffer area before issue of EC.**

**In this circumstance, the Authority decided to issue Environmental Clearance for 1 (one) year for the quantity mentioned in the approved Mining Plan, subject production of valid NOC and subject to the following Specific Conditions in addition to the General Conditions.**

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the 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 lease/permit 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. Impact of vibration due to blasting on the nearest houses and 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.*
- 4. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.*

5. *The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).*
6. *Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.*
7. *The access road should be developed to ensure hindrance-free road transportation.*
8. *167 trees are proposed to be cut for quarrying operation. The area mostly has exposed rock, so compensatory afforestation should be done during the 1st year itself and the coordinates of the area with geotagged photos should be submitted in HYCR.*
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. *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.*
11. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16<sup>th</sup> 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.*

*12. The Project Proponent shall take immediate measures to close the abandoned quarry in the Project site as per the final closure plan in the approved mining plan and as per KMMC Rules within 6 months and a report from District Geologist shall be produced to the effect that the final closure of quarry has been done as per the approved norms of department of Mining and Geology. The compliance of this condition should also be reported in the HYCR.*

*13. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No. 8**

**Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Saseendran K. for an area of 0.4609 Ha in Re-Sy Nos. 84/3, 86/1, 84/4, Atholi Village, Koyilandy Taluk, Kozhikode District, Kerala.  
(SIA/KL/MIN/170028/2020; 1432/EC3/SEIAA/2020)**

Sri. Saseendran.K, Kaniyarakkal House, Kizhakkumuri P.O, Kakkodi, Kozhikode submitted an application for Environmental Clearance through PARIVESH portal on 10.09.2019 for the proposed Granite Building Stone Quarry Project for an area of 0.4609 Ha in Re-Sy Nos. 84/3, 86/1, 84/4, Atholi Village, Koyilandy Taluk, Kozhikode District, 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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Filed Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for the project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for the project life of 5 (five) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

*1. The proponent shall carry out quarrying as per the approved Mining Plan and*

*the 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 lease/permit 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. In the interest of residential buildings located at a distance of less than 100 mts radius from the quarry site, the Project Proponent shall attend the following:*
  - An impact vibration study has to be carried out through a reputed agency and the Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay within 3 months of commencing quarry operations and included in the Half Yearly Compliance Report. This study must be monitored by a committee which includes concerned ward member of Grama Panchayat and a representative of residents within 100 radius. The corrective measures have to be taken to minimize the vibration effect if any as suggested by the agency engaged for the study and the monitoring committee.*
  - Priority should be given to the needs of local residences while implementing CER activities. If the need be the EMP approved shall be modified to accommodate these changes under intimation to SEAC*
  - One of the local residents shall be made member of the Environmental management cell and their grievances shall be heard and addressed.*
- 4. The garland drain along with silt traps, siltation pond and outflow channel should be provided and the outflow channel should be connected to a natural drain.*
- 5. The garland canal along with silt traps; siltation pond and outflow channel should be desilted and cleaned periodically for preventing any obstructions to the flow by periodical removal of the silt deposited in the silt traps.*
- 6. The transportation of mined material should be avoided during peak hours in the forenoon and afternoon.*
- 7. Sprinkling of water should be done on the unsurfaced road prior to each movement of truck.*

8. *The green-belt development all along the buffer area should be initiated prior to the commencement of quarry operations with species of both ecological and economic value preferably the once common tree species found in the locality.*
9. *The mining will lead to a quarry pond of depth 15m which should be safeguarded against any accident.*
10. *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.*
11. *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.*
12. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16<sup>th</sup> 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.*

- 13. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.9**

**Environmental Clearance for the Laterite Building Stone Quarry of Smt. Prajeena Parayil in Block No.210, Re-Sy No. 2/106 in Padiyoor Village, Iritty Taluk, Kannur District, Kerala (SIA/KL/MIN/187772/2020; 1857/EC4/2020/SEIAA)**

Smt. Prajeena Parayil, Parayil House, Padiyoor P.O., Kannur submitted an application for Environmental Clearance in SEIAA for the proposed Granite Building Stone Quarry for an area of 0.1942 Ha in Block No. 210, Re.Sy.No.2/106, Padiyoor Village, Iritty Taluk, Kannur District, 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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for a period of 2 years, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for the project life of 2 (two) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the 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 permit/lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Fix the boundary pillars marked with latitude and longitude firmly and submit photographs of the same.*
- 4. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years.*



5. *Appropriate drainage arrangement from the mine pit should be ensured.*
6. *Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).*
7. *As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
8. *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.*
9. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.10**

**Environmental Clearance for Laterite Building Stone Quarry Project of Smt. Prajeena Parayil in Block No.87, Re-Sy No. 35/1638, Nuchiyad Village, Iritty Taluk, Kannur District, Kerala (SIA/KL/MIN/187777/2020) {1856/EC4/2020/SEIAA}**

Smt. Prajeena Parayil, D/o Raveendran, Parayil House, Padiyoor P.O, Kannur-670703 submitted an application through PARIVESH on 13.12.2020 for Environmental Clearance in SEIAA for the Laterite Building Stone Quarry Project for an area of 0.3764 Ha in Block No. 87, Re-Sy. No. 35/1638, Nuchiyad Village, Iritty Taluk, Kannur District, Kerala.

Authority noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal

and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC with project life of 2 years, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for the project life of 2 (two) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the 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 permit/lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Green belt development in the buffer should be done in the first year of the project itself using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- 4. Appropriate drainage arrangement from the mine pit should be ensured..*
- 5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- 6. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- 7. 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.*

8. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.11**

**Environmental Clearance for the Laterite Stone Quarry Project of Sri. Chandrasekharan K.P. for an area of 0.3885 Ha in Re-Sy No. 3/485 of Kalliad Village, Iritty Taluk, Kannur District, Kerala (SIA/KL/MIN/195042/2021; 1886/EC4/2021/SEIAA)**

Sri. Chandrasekharan K. P., Proprietor, S/o Govindan Nambiar, Pratheeksha, Kodolipram, Pattannur P.O, Kannur submitted an application for Environmental Clearance in SEIAA for the proposed Laterite Building Stone Quarry Project for an area of 0.3885 Ha in Re-Sy No. 3/485 of Kalliad Village, Iritty Taluk, Kannur District, 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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for 2 years, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for the project life of 2 (two) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

1. *The proponent shall carry out quarrying as per the approved Mining Plan and the 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 permit/lease order should be provided to the SEIAA before commencing the mining activity.*

3. *Fix the boundary pillars marked with latitude and longitude firmly and submit photographs of the same.*
4. *Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
5. *Appropriate drainage arrangement from the mine pit should be ensured.*
6. *Transportation of mined material should not be done during the peak hours in the forenoon and afternoon*
7. *As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
8. *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.*
9. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.12**

**Environmental Clearance for the Laterite Stone Quarry Project of M/s Kannur Kallukothu Thozhilali Kshema Sahakarana Sangam Ltd.in Re-Sy No. 30/1687, Chuzhali Village, Thaliparamba Taluk, Kannur District, Kerala  
(SIA/KL/MIN/195424/2021; 1902/EC4/2021/SEIAA)**

M/s Kannur Kallukothu Thozhilali Kshema Sahakarana Sangam Ltd, Dharmasala, Parassinikkadavu P.O, Kannur submitted an application through PARIVESH on 29.01.2021

for Environmental Clearance for the proposed Laterite Building Stone Quarry Project for an area of 0.4047 Ha, in Re-Sy No. 30/1687, Chuzhavali Village, Thaliparamba Taluk, Kannur District, 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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for 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 year for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the 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 permit/lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Fix the boundary pillars marked with latitude and longitude firmly and submit photographs of the same.*
- 4. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- 5. Appropriate drainage arrangement from the mine pit should be ensured.*
- 6. Transportation of mined material should not be done during*
- 7. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*

8. *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.*
9. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.13**

**Environmental Clearance for the Laterite Building Stone Quarry of Sri. Narayanan for an area of 0.0971 Ha in Re-Sy No. 11/1A, Kolathur Village, Kasargod Taluk, Kasaragod District, Kerala (SIA/KL/MIN/203308/2021, 1915/EC2/SEIAA/2021)**

Sri. Narayanan, Choorikode, Kolathur P.O, Kasargod 671541 vide application received on 03.08.2021, sought Environmental Clearance for the proposed Laterite Building Stone Quarry project for an area of 0.0971 Ha in Re-Sy No. 11/1A, Kolathur Village, Kasargod Taluk, Kasaragod District, Kerala.

The Authority noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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 permit/lease order should be provided to the SEIAA before commencing the mining activity.*

- 3. Fix the boundary pillars marked with latitude and longitude firmly and submit photographs of the same.*
- 4. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- 5. Appropriate drainage arrangement from the mine pit should be ensured.*
- 6. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon*
- 7. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- 8. 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.*
- 9. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.14**

**Environmental Clearance for Laterite Building Stone Quarry of Sri. Sudheesh B. for an area of 0.0971 Ha in Re-Sy No. 45/A98, 207/1H of Kolathur Village, Kasargod Taluk, Kasaragod District, Kerala  
(SIA/KL/MIN/204096/2021, 1911/EC2/SEIAA/2021)**

Sri. Sudheesh. B, Kaniyamkund (H), Kolathur, Kasargod 671541 vide application received on 07.08.2021, sought Environmental Clearance for the proposed Laterite Building Stone Quarry for an area of 0.0971 Ha in Re-Sy Nos. 45/A98, 207/1H of Kolathur Village, Kasargod Taluk, Kasaragod District, Kerala.

Authority noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for 1 year, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for a 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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 permit/lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- 4. Appropriate drainage arrangement from the mine pit should be ensured.*
- 5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon*
- 6. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of*



*the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*

- 7. 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.*
- 8. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.15**

**Environmental Clearance for Laterite Building Stone Quarry of Sri. T. Kunhikannan for an area of 0.0971 Ha in Re-Sy No. 32/331H of Kolathur Village, Kasargod Taluk, Kasaragod District, Kerala  
(SIA/KL/MIN/204370/2021; 1913/EC2/SEIAA/2021)**

Sri. Kunhikannan, Kuyyanganam (H), PO Kolathur Kasargod, Kerala-671541 vide application received on 07.08.2021, sought Environmental Clearance for the proposed Laterite Building Stone Quarry project for an area of 0.0971 Ha in Re-Sy No. 32/331H Kolathur Village, Kasargod Taluk, Kasargod District, Kerala.

Authority noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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 permit/lease order should be provided to the SEIAA before commencing the mining activity.*
3. *Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
4. *Appropriate drainage arrangement from the mine pit should be ensured.*
5. *Transportation of mined material should not be done during the peak hours in the forenoon and afternoon*
6. *As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
7. *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.*
8. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.16**

**Environmental Clearance for Laterite Building Stone Quarry of Sri. Achal R. M. for an area of 0.0971 Ha in Re-Sy No. 123/29pt of Kannur Village, Manjeshwar Taluk, Kasaragod District, Kerala. (SIA/KL/MIN/205831/2021; 1914/EC2/SEIAA/2021)**

Sri. Achal R M, Amar House, Arjal Road, PO. Kasargod 671121 vide application received on 01.08.2021, sought Environmental Clearance for the Laterite Building Stone Quarry project for an area of 0.0971 Ha in Re-Sy No. 123/29pt of Kannur Village, Manjeshwar Taluk, Kasaragod District, Kerala.

Authority noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for 1 year, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for a 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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 permit/lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- 4. Appropriate drainage arrangement from the mine pit should be ensured.*
- 5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- 6. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*

7. *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.*
8. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.17**

**Environmental Clearance for Laterite Building Stone Quarry of Sri. Divakaran K. for an area of 0.0971 Ha in Re-Sy No. 200/1C of Belur Village, Vellarikkund Taluk, Kasaragod District, Kerala (SIA/KL/MIN/207633/2021; 1912/EC2/SEIAA/2021)**

Sri. Divakaran K., Raikochi (H), P.O Kundamkuzhi Kasargod 671541 vide application dated 17.07.2021, sought Environmental Clearance for the Laterite Building Stone Quarry project for an area of 0.0971 Ha in Re-Survey No. 200/1C of Belur Village, Vellarikkund Taluk, Kasaragod District, Kerala.

Authority noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal and Mining Plan. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for 1 year, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for a 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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 permit/lease order should be*

*provided to the SEIAA before commencing the mining activity.*

- 3. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- 4. Appropriate drainage arrangement from the mine pit should be ensured.*
- 5. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- 6. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- 7. 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.*
- 8. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.18**

**Environmental Clearance for the Granite Building Stone Quarry Project of M/s Nattanpara Metals LLP for an area of 3.3910 Ha in Sy No. 1998 (Not final) in Kanthalad Village, Thamarassery Taluk, Kozhikode District, Kerala  
(SIA/KL/MIN/32452/2019; 1481/EC3/2019/SEIAA)**

M/s Nattanpara Metals LLP, Poyilil, Payambra P.O, Kunnamangalam, Kozhikode submitted an application for Environmental Clearance through PARIVESH portal on

30.10.2019 for the proposed Granite Building Stone Quarry Project for an area of 3.3910 Ha, in Sy No.1998 (Not final) of Kanthalad Village, Thamarassery Taluk, Kozhikode District, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Field Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for the project life of 8 years subject to certain Specific Conditions in addition to the General Conditions.

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 decided to issue Environmental Clearance initially for the period of 5 years for the quantity mentioned in the approved mining plan and then to extend the EC period to cover project life of 8 years, from the date of issuance of original EC, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region by violating EC conditions.

The EC is subject to General Conditions and the following Additional Specific Conditions.

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the 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. Since the quarry site is located within a distance of 10 km from Malabar Wildlife Sanctuary, as per OM dated 8.8.2019 of MoEF&CC, Clearance from Standing Committee of the National Board for Wildlife is mandatory for mining activity. Hence the Project Proponent is directed to obtain Clearance from Standing Committee of the National Board for Wildlife before starting any activity at the*

site.

4. Authority makes it amply clear that EC issued does not necessarily imply that Wildlife clearance shall be granted to the Project Proponent and that the proposal for Wildlife clearance will be considered by the respective Authorities on its merit and decision taken accordingly. The investment made in the project if any based on this EC in anticipation of clearance from Wildlife angle shall be entirely at the cost and risk of the Project Proponent and MoEF&CC and SEIAA shall not be responsible in this regard in any manner.
5. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
6. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
7. Compensatory afforestation should be initiated prior to the commencement of mining and it should be done for shortage of green belt in the buffer zone and for the trees removed from the project site with indigenous species of trees and the geocoordinates of the afforested place with photographs should be incorporated in the half-yearly compliance report.
8. The garland canal, silt traps, siltation pond and outflow channel should be established prior to the commencement of mining.
9. The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically to ensure unhindered drainage of overland flow and geotagged photographs should be incorporated in the half-yearly compliance report.
10. A protective wall of appropriate height should be provided for the overburden dumping site.
11. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
12. In the interest of residential buildings located at a distance of less than 100-200 mts radius from the quarry site, the Project Proponent shall attend the following:

- *An impact vibration study has to be carried out through a reputed agency and the Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay within 3 months of commencing quarry operations and included in the Half Yearly Compliance Report. This study must be monitored by a committee which includes concerned ward member of Grama Panchayat and a representative of residents within 100 radius. The corrective measures have to be taken to minimize the vibration effect if any as suggested by the agency engaged for the study and the monitoring committee.*
  - *Priority should be given to the needs of local residences while implementing CER activities. If the need be the EMP approved shall be modified to accommodate these changes under intimation to SEAC*
  - *One of the local residents shall be made member of the Environmental management cell and their grievances shall be heard and addressed.*
13. *A copy of the EC shall be marked to IGF (WL), MoEF&CC, PCCF and Chief wild life Warden, Kerala, SEAC, District collector, Kozhikode and Director Mining and Geology, Department of Industries GOK, besides others for information and necessary further action.*
14. *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.*
15. *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.*

*16. 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.*

*17. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.19**

**Environment Clearance for the Granite Building Stone Quarry of Sri. K. Chackochan, for an area of 0.7815 Ha in Sy Nos. 302/1/5B & 302/226/323 of Vilakudy Village, Pathanapuram Taluk, Kollam District  
(SIA/KL/MIN/38606/2019, 1460/EC2/2019/SEIAA)**

Sri. K Chackochan, Valiyavila Veedu, Makkannoor, Kottavattom Post, Punalur, Kollam District, Kerala – 691322 vide application received on 03.07.2019, sought Environmental Clearance for the proposed Granite Building Stone Quarry project for an area of 0.7815 in Sy Nos. 302/1/5B & 302/226/323 Vilakudy Village, Pathanapuram Taluk, Kollam District of 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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Filed Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC with 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay within three months and included in the Half Yearly Compliance Report. This study must be monitored by a committee which includes concerned ward member of Grama Panchayat and a representative of residents within 100 radius.*
- 4. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.*
- 5. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.*
- 6. Compensatory afforestation should be initiated prior to the commencement of mining for the trees removed from the project site with indigenous species of trees and the geocoordinates of the afforested place with photographs should be incorporated in the half-yearly compliance report.*
- 7. The garland canal, silt traps, siltation pond and outflow channel should be provided considering the entire project area and prior to the commencement of mining to ensure unhindered overland drainage.*
- 8. The drainage along with silt traps, siltation pond and outflow channel should be desilted and cleaned periodically and geotagged photograph should be incorporated in the Half Yearly Compliance Report.*
- 9. Transportation of mined material should not be done during the peak hours in the*

*forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).*

- 10. If the abandoned quarry adjacent to the proposed project area is owned by the Proponent, the Project Proponent shall take immediate measures to close the abandoned quarry in the project site as per the final closure plan in the approved mining plan within 6 months and a report from district Geologist shall be produced to the effect that the final closure of quarry has been done as per the approved norms of Department of Mining and Geology. The compliance of this condition should also be reported in the HYCR. On receipt of the report, the SEAC shall verify the mine closure status.*
- 11. 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.*
- 12. 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.*
- 13. 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.*

*14. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.20**

**Environmental Clearance for the Granite Building Stone Quarry of Sri. Aboobacker O. for an area of 1.4061 Ha in Survey Nos. 176, 177/1 & 131 (P) Pattithara Village, Pattambi Taluk, Palakkad District, Kerala  
(SIA/KL/MIN/41414/2019, 1563/EC1/2019/SEIAA)**

Sri. Aboobacker O., S/o. Kunhavarani, Oravil House, Angadi Post, Angadi, Pattambi, Palakkad District – 679 552, submitted an application for Environmental Clearance via PARIVESH on 13.12.2019 for the Granite Building Stone Quarry project for an area of 1.4061 Ha in Survey Nos. 176, 177/1 & 131 (P) Pattithara Village, Pattambi Taluk, Palakkad District, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Field Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC with the project life of 6 years subject to certain Specific Conditions in addition to the General Conditions.

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 decided to issue Environmental Clearance initially for the period of 5 years for the quantity mentioned in the approved mining plan and to extend the EC period to cover project life of 6 years, from the date of issuance of original EC, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region by violating EC conditions.

The EC is subject to General Conditions and the following Additional Specific Conditions.

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the 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 lease/permit 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 maximum depth of mining should be limited to 85m above MSL instead of 75m above MSL as per the mine plan approved. Accordingly the total mineable reserve should be limited.*
- 4. The Proponent should submit a sworn affidavit stating that the mining will not be done beyond the depth of 85m above MSL so that the quarry pond developed at the end of mining will have only a depth of 10m below ground level.*
- 5. The Proponent should submit the safe yield of the bore well proposed to be used for the project and its geocoordinates prior to the commencement of mining.*
- 6. The garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining.*
- 7. The drainage along with silt traps, collection tanks and outflow channel should be desilted and cleaned periodically and geotagged photograph of the same should be incorporated in the half yearly compliance report.*
- 8. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.*
- 9. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.*
- 10. Impact of vibration due to blasting on the nearest houses and 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.*
- 11. Transportation of mined material should not be done during the peak hours in the*

*forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).*

- 12. The OB dumping site should be provided with protection wall.*
- 13. The Project Proponent shall take immediate measures to close the abandoned quarry in the Project site as per the final closure plan in the approved mining plan and as per KMMC Rules within 6 months and a report from District Geologist shall be produced to the effect that the final closure of quarry has been done as per the approved norms of department of Mining and Geology. The compliance of this condition should also be reported in the HYCR.*
- 14. 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.*
- 15. 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.*
- 16. 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.*

*17. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.21**      **Expansion of Granite Building Stone Quarry Project of M/s Payyoli Granites Pvt Ltd in Re-Sy Nos. 80/1A1, 81/2 of Keezhariyur Village and Re-Sy No.72 of Thurayur Village, Koyilandy Taluk, Kozhikode District, Kerala**  
**(SIA/KL/MIN/42946/2019; 1473/EC3/2019/SEIAA)**

Sri. Issac Jacob, Managing Director, M/s Payyoli Granites Pvt Ltd, Thankamala Estate, Keezhariyur P.O, Kozhikode, submitted an application for Environmental Clearance in SEIAA through PARIVESH portal on 29.10.2019 for the expansion of existing Granite Building Stone Quarry Project for an area of 4.9237 Ha in Re-Sy Nos. 80/1A1, 81/2 of Keezhariyur Village, and Re-Sy No. 72 of Thurayur Village of Koyilandy Taluk, Kozhikode District, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Field Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for a project life of 10 years with certain Specific Conditions in addition to the General Conditions.

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 decided to issue Environmental Clearance initially for the period of 5 years for the quantity mentioned in the approved mining plan and then to extend the EC period to cover project life of 10 years, from the date of issuance of original EC, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region by violating EC conditions.

The EC is subject to General Conditions and the following Additional Specific Conditions.

1. *The proponent shall carry out quarrying as per the approved Mining Plan and the 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. *In the interest of residential buildings located at a distance of 51-200 mts radius from the quarry site, the Project Proponent shall attend the following:*
  - *An impact vibration study has to be carried out through a reputed agency and the Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay within 3 months of commencing quarry operations and included in the Half Yearly Compliance Report. This study must be monitored by a committee which includes concerned ward member of Grama Panchayat and a representative of residents within 100 radius. The corrective measures have to be taken to minimize the vibration effect if any as suggested by the agency engaged for the study and the monitoring committee.*
  - *Priority should be given to the needs of local residences while implementing CER activities. If the need be the EMP approved shall be modified to accommodate these changes under intimation to SEAC*
  - *One of the local residents shall be made member of the Environmental management cell and their grievances shall be heard and addressed.*
4. *The garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining.*
5. *The drainage along with silt traps, collection tanks and outflow channel should be desilted and cleaned periodically and geo-tagged photograph of the same should be incorporated in the half yearly compliance report.*
6. *Measures incorporated in the CER should be implemented in total during the first*



*two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.*

- 7. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.*
- 8. The proponent has to ensure that all the 11 species listed for the green belting are planted with saplings raised from seeds of a wider collection. As there is fairly larger area in their custody, planting of more diverse trees is proposed.*
- 9. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).*
- 10. The OB dumping site should be provided with protection wall.*
- 11. Sprinkling of water should be done on the un-surfaced road prior to each movement of truck.*
- 12. The proposed storm water pond should be developed before the rainy season prior to the commencement of quarrying operation.*
- 13. The blasting should not be done when the crusher is in operation.*
- 14. The maximum depth to mining should be limited to 45m above mean sea level considering the depth to groundwater table.*
- 15. 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.*
- 16. 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.*

*17. 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.*

*18. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.22**

**Environmental Clearance for Granite Building Stone Quarry of Sri. Madhavan Nair V. for an area of 0.8770 Ha in Re-Sy No. 41/2-2, 41/2-3, 41/3, 41/4, 41/5-3, 41/5-2, 41/4-2, 41/6, 125/1 in Elamad Village, Kottarakkara Taluk, Kollam District, Kerala (SIA/KL/MIN/43409/2019, File No.1480 /EC2/2019/SEIAA)**

Sri. Madhavan Nair .V Kavalakkalpachaveedu Kavalakkapacha Thevanloor – P.O, Kollam vide application received on 14.11.2019 sought Environmental Clearance for the Granite Building Stone Quarry project for an area of 0.8770 Ha in Re - Sy. No. 41/2-2, 41/2-3, 41/3, 41/4, 41/5-3, 41/5-2, 41/4-2, 41/6, 125/1, Elamad Village, Kottarakkara Taluk, Kollam District., 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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Filed Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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 proponent should back fill to reduce height on West side of pillars BP1 and BP 19 and North side of the internal road touching the face connecting pillars BP1 and BP 19.*
- 4. The garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining to facilitate unhindered overland drainage.*
- 5. The drainage along with silt traps, siltation pond, and outflow channel should be desilted and cleaned periodically and geotagged photograph should be incorporated in the half yearly compliance report.*
- 6. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years*
- 7. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.*
- 8. Compensatory afforestation should be done during the first year itself with indigenous fruit trees and the geocoordinates of the afforested place with photographs should be provided along with half yearly compliance report.*
- 9. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).*
- 10. The OB dumping site should be provided with protection wall.*
- 11. In the interest of residential buildings located at a distance of 51-200 mts radius*

*from the quarry site, the Project Proponent shall attend the following:*

- An impact vibration study has to be carried out through a reputed agency and the Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay within 3 months of commencing quarry operations and included in the Half Yearly Compliance Report. This study must be monitored by a committee which includes concerned ward member of Grama Panchayat and a representative of residents within 100 radius. The corrective measures have to be taken to minimize the vibration effect if any as suggested by the agency engaged for the study and the monitoring committee.*
- Priority should be given to the needs of local residences while implementing CER activities. If the need be the EMP approved shall be modified to accommodate these changes under intimation to SEAC*
- One of the local residents shall be made member of the Environmental management cell and their grievances shall be heard and addressed.*

*12. 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.*

*13. 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.*

*14. 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.*

*15. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.23**

**Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Suneesh M.P, for an area of 0.9915 Ha in Re-Sy No. 57/2B2 Kolavallur Village, Thalassery Taluk, Kannur District, Kerala  
(SIA/KL/MIN/44590/2019; 1501/EC3/2019/SEIAA)**

Sri. Suneesh M.P, S/o Chathu, Mavullaparambath P.O, Cheruparamba, Kannur-670693 submitted an application in SEIAA for Environmental Clearance through PARIVESH on 25.11.2019 for the proposed Granite Building Stone Quarry Project for an area of 0.9915 Ha in Re-Sy No. 57/2B2 in Kolavallur Village, Thalassery Taluk, Kannur District, 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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Filed Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for the project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

**The Authority decided to issue Environmental Clearance for the project life of 5 years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.**

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the 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 overburden thickness at the upper boundary of the abandoned quarry is very high. It consists of soft laterite. It should be protected prior to the commencement of mining to prevent any accidents and landslips.*
- 4. In the interest of residential buildings located at a distance of 51-200 mts radius from the quarry site, the Project Proponent shall attend the following:*
  - An impact vibration study has to be carried out through a reputed agency and the Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay within 3 months of commencing quarry operations and included in the Half Yearly Compliance Report. This study must be monitored by a committee which includes concerned ward member of Grama Panchayat and a representative of residents within 100 radius. The corrective measures have to be taken to minimize the vibration effect if any as suggested by the agency engaged for the study and the monitoring committee.*
  - Priority should be given to the needs of local residences while implementing CER activities. If the need be the EMP approved shall be modified to accommodate these changes under intimation to SEAC*
  - One of the local residents shall be made member of the Environmental management cell and their grievances shall be heard and addressed.*
- 5. The Project Proponent shall take immediate measures to close the abandoned quarry in the Project site as per the final closure plan in the approved mining*

*plan and as per KMMC Rules within 6 months and a report from District Geologist shall be produced to the effect that the final closure of quarry has been done as per the approved norms of department of Mining and Geology. The compliance of this condition should also be reported in the HYCR.*

- 6. While carrying out closure operations a portion of the abandoned quarry should be retained as water harvesting structure to be used for meeting the water demand of the operational phase of the quarry including the requirement for environmental management plan.*
- 7. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in the subsequent years.*
- 8. Compensatory afforestation should be done with indigenous fruit trees and the geo-coordinates of the afforested place with photographs should be provided along with half yearly compliance report.*
- 9. The garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining. While providing the garland canal, the potential collapse of the thick overburden should be considered and prevented.*
- 10. The drainage along with silt traps, siltation tank and outflow channel should be desilted and cleaned periodically and geo-tagged photographs should be incorporated in the half yearly compliance report.*
- 11. The mined material should not be transported during the peak hours in the forenoon and afternoon.*
- 12. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.*
- 13. 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.*

*14. 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.*

*15. 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.*

*16. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.24**

**Environment Clearance for the Granite Building Stone Quarry Project of Shri. Johnny Roy, M/s. Ronco Granite Private Limited for an area of 3.8316 Ha. (9.4678 Acres) in Sy Nos. 526/4B3, 527/2A2, 527/2A3, 527/5-1-2, 527/5-2-3, 527/5- 3-2, 527/5-4-2, 527/5-5-2, 527/5-6-2, 529/1B-2, Thirumarady Village, Muvattupuzha Taluk, Ernakulam District, Kerala. (SIA/KL/MIN/44736/2019; 1486/EC3/2019/SEIAA)**

Shri. Johnny Roy. Managing Director, M/s. Ronco Granite Private Limited, 199/VII, Chirayil Building, M. C. Road, Ettumanoor P.O., Kottayam District -686631, submitted an application for EC on 04/11/2019 for an area of 3.8316 Ha. (9.4678 Acres) in Sy.



Nos.526/4B3, 527/2A2, 527/2A3, 527/5-1-2, 527/5-2-3, 527/5- 3-2, 527/5-4-2, 527/5-5-2, 527/5-6-2, 529/1B-2 of Thirumarady Village, Muvattupuzha Taluk, Ernakulam District, 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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Filed Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for the project life of 9 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority noted that as per the report received from KSDMA, after the field inspection of SEA, the project area falls in the landslide susceptible zone of the hazard zonation map published by the KSDMA. The site is located in a steep terrain (unstable slope) and is fragile. Many landslide incidences have been reported in this area. The quarrying may pose severe threat to the water sources (natural drainages and the check dams, water tanks, and a tunnel constructed to store and distribute water to inhabitants in the surrounding panchayats), settlements, and to the entire ecology of the region. Also, this area falls in the eco-sensitive zone. The KSDMA also stated that in the State Disaster Management Plan (available at <https://sdma.kerala.gov.in/disaster-managementplans/>), it is mentioned that the State Environment Impact Assessment Authority (SEIAA) should strictly consult disaster management plans and hazard susceptibility maps before issuing environmental clearance to project proposals.

**Authority decided to refer back the proposal to SEAC for specific technical/scientific justification for recommendation, in the light of the report of KSDMA.**

**Item No.25**

**Environmental Clearance for the Granite Building Stone Quarry Project of Sri. V. J. Chacko, Managing Partner, M/s. Parlikkad Granites for an area of 0.9996 Ha in Survey No: 153/7 Wadakkancherry Village, Thalappilly Taluk, Thrissur District (SIA/KL/MIN/45120/2019; 1526/EC2/2019/SEIAA)**

Sri. V. J. Chacko, Managing Partner, M/s. Parlikkad Granites, Parlikkad Post, Thrissur District submitted an application for Environmental Clearance in SEIAA through

PARIVESH on 04.12.2019 for the Granite Building Stone Quarry project for an area of 0.9996 Ha in Survey No. 153/7, Wadakkancherry Village, Thalappilly Taluk, Thrissur District.

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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Filed Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for 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 proponent shall carry out quarrying as per the approved Mining Plan and the 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 garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining to ensure adequate drainage of the area.*
- 4. The garland drain, silt traps, siltation pond, and outflow channel should be desilted and cleaned periodically and geotagged photographs should be incorporated in the half yearly compliance report.*
- 5. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years*
- 6. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.*

7. *Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).*
8. *The OB dumping site should be provided with protection wall.*
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. *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.*
11. *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.*
12. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**Item No.26**

**Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Mohammed K. K. for an area of 2.1315 Ha in Survey Nos. 459 & 457/13, Kavanur Village, Ernad Taluk, Malappuram District**

**(SIA/KL/MIN/92227/2019; 1215/EC2/2019/SEIAA)**

Sri. Mohammed K. K., Kodakkodan House, Poovathikkal House, Malappuram District submitted an application for Environmental Clearance in SEIAA through PARIVESH on 21.01.2019 for the Granite Building Stone Quarry Project for an area of 2.1315 Ha in Survey Nos. 459 & 457/13, Kavanur Village, Ernad Taluk, Malappuram District.

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 I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal, Mining Plan and the Filed Inspection Report. After the due appraisal, the SEAC in its 129<sup>th</sup> meeting recommended EC for the project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

Authority discussed the project proposal, field inspection report and recommendation of SEAC. As per field inspection report there is a road near BP 14 and BP 15 just outside the project boundary used by the public. Distance to the road from the project boundary is not ascertained. So the Authority decided to direct the project proponent to submit survey map indicating the distance of the nearby road from the project area and the classification of road by the Village Officer or Grama Panchayat.

## **CONSIDERATION OF TOR PROPOSALS**

### **Item No.1**

**Environmental Clearance for the Granite Building Stone Quarry of M/s. Amala Granite Products for an area of 2.4929 Ha in Sy Nos. 14/6(P), 14/7(P), 14/8(P), 14/9(P) and 14/10(P) at Parlikkad Village, Thalappilly Taluk, Thrissur District**  
**(SIA/KL/MIN/155091/2020; 1816/EC6/2020/SEIAA) (EC Proposal)**  
**&**  
**(SIA/KL/MIN/38577/2019; 1402/EC2/2019/SEIAA) (ToR Proposal)**

**Decision taken in the EC Proposal, Part 1, Item No.1**

**PART - 3**

**CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE**

**Item No.1**

**Environmental Clearance for the Laterite Building Stone Quarry Project of M/s Kannur Building Materials Co-Operative Society, in Block No. 37, Re-Sy No. 132/279, Perinthatta Village, Payyannur Taluk, Kannur District, Kerala.  
(SIA/KL/MIN/187054/2020; 1855/EC4/2020/SEIAA)**

M/s Kannur Building Materials Co-operative Society Ltd. No. C 1741, Pappinissery P.O, Kannur submitted an application for Environmental Clearance through PARIVESH portal on 08.12.2020 for the proposed Laterite Building Stone Quarry Project for an area of 0.9700 Ha, in Block No. 37, Re-Sy No. 132/279, Perinthatta Village, Payyannur Taluk, Kannur District, Kerala.

Authority noticed that the SEAC had appraised the proposal based on Form I, Pre-Feasibility Report, additional details/documents obtained from the proponent during appraisal and Mining Plan. The Committee appraised the project as per OM dated 24.6.2013, pertaining to brick earth or ordinary earth up to an area less than 5 Ha and in its 130<sup>th</sup> meeting recommended EC with project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for a project life of 5 (five) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the 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 permit/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 mishap.*
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 de-silted periodically to facilitate unhindered drainage.*

17. CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total
18. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).
19. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> 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 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.
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.

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

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

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