

**MINUTES OF THE 69<sup>th</sup> MEETING OF THE STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA) KERALA HELD ON 01.06.2017 AT 10.00 AM AT HARITHASREE HALL, STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA) KERALA.**

Present:

1. Prof. (Dr). K.P. Joy, Chairman, SEIAA
2. Dr. J. Subhashini, Member, SEIAA
3. Sri.James Varghese. I.A.S. Additional Chief Secretary & Member Secretary, SEIAA.

The 69<sup>th</sup> meeting of SEIAA and the 36<sup>th</sup> meeting of the Authority as constituted by the notification No. S.O. 804 (F) dated 19-3-2015 was held at Harithasree Hall, State Environment Impact Assessment Authority, Kerala on 01<sup>st</sup> June, 2017 from 10.00 A.M. Chairman Dr.K.P.Joy welcomed the members.

**Item No: 69.01                      Confirmation of minutes of 68<sup>th</sup> SEIAA meeting**

Confirmed

**Item No: 69.02                      SEIAA – Petitions on Environmental Clearance and general complaints on illegal quarries and other environmentally degrading activities (individual cases consolidated)**

Sl . N o.	Petitioner and Address	Subject	Nature of complaint	Status of E.C application
1.	Shri.T.N.Mukundan Thadathil Veedu, Velupadam. P.O., Thrissur – 680 303	Cancel the Environmental Clearance against the OE- 1022/EC1/028/ SEIAA/2016 issued from SEIAA	Extraction of the soil is dangerous to the people living nearby and KSEB Tower Lane and Power Grid Tower Lane near by occurs unsafe to the public The petitioner submitted the copies of petitions submitted to the DC Thrissur, Geologist etc.	Extention issued two times. By this time OE may have been already removed as per the EC. Hence the Geologist, Thrissur may verify the facts and report immediately.

2.	Shri.SajanVettukattil, S/o Kurian,(Member of Payyavoor Grama Panchayath Ward No.1) Vettukattil House, Chandanakampara. P.O Payyavoor.via, Taliparamba Taluk, Kannur District – 670 633 2. Smt.Vijayamma, W/o Narayanan (Member of Payyavoor Grama Panchayath Ward No.16) Kakkasseril House, Chandanakampara. P.O., Payyavoor Via, Taliparamba Taluk, Kannur District – 670 633	Granting of EC – Objection Against the said Quarry No.866/SEIAA/EC4/3 096/2014	The quarrying will cause pollution in the locality & it affect the existing ecological balance.	SEIAA in the 62 <sup>nd</sup> Meeting held on 23/12/2016 Delisted the said quarry(File No.866/SEIAA/EC4/3096/2014. Hence the complaint may be forwarded to District Collector for action.
3.	Shri.Rajendra Prasad Rajendra Vilasam, Vacheekonam, Vayyanam.P.O., Ayoor, Kollam District 691 533	Not to give EC	The quarrying will cause dust pollution and create health hazards to the residents in the locality.	File No.637/SEIAA/KL/4908 /2014 EC not issued to Karthika Metal Crusher. Complaint to be considered when the EC application is processed.
4.	Shri.M.T.Thomas Erakonni, Vettilappara (P.O) Arecode, Malappuram (District)	Not to give EC (Cherupara Granite)	The quarrying will cause landslides and Pollute the rivers nearby (Chaliyar)	Complaint to be forwarded to District Collector for action.

Item No:69.03

Environmental clearance for the proposed quarry project in Sy. Nos. 223 pt, 223/2, 223/6 pt, 118/14 pt, & 118/15 of Vandazhi - I

**Village, Alathur Taluk, Palakkad District, Kerala application of Sri. Vinu Mani, Managing Partner, M/s. Paramount Granites (File No. 664/SEIAA/EC1/5179/2014)**

Sri. Vinu Mani, Managing Partner of M/s. Paramount Granites, 11/780, Odukoor, Chittadi (PO), Palakkad District, Kerala- 678706, vide his application received on 27.11.2015, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. Nos. 223 pt, 223/2, 223/6 pt, 118/14 pt, & 118/15 of Vandazhi - I Village, Alathur Taluk, Palakkad District, Kerala State. The project comes under Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dtd. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

The proposal was considered in the 60th meeting of SEAC, Kerala, held on 28<sup>th</sup> and 29<sup>th</sup> July, 2016 and deferred for site inspection. The proponent agreed to revise the CSR by 10 lakhs/annum for 5 years in consultation with local panchayath and proper upkeep of approach road.

Subsequently, the field visit to the Quarry project site of M/S S Paramount Granites located in Survey Nos. Nos. 223 pt, 223/2, 223/6 pt, 118/14 pt, & 118/15 of Vandazhi - I Village, Alathur Taluk, Palakkad District, Kerala application of Sri. Vinu Mani, Managing Partner, M/s. Paramount Granites (File No. 664/SEIAA/EC1/5179/2014) was carried out on 04.03.2017 by the Sub-Committee of SEAC, Kerala, comprising Dr. Jayson E.A and Dr. K.G. Padmakumar. The representatives of the Proponent were also present at the site. The report is as follows;

*Sri. Vinu Mani, Managing Partner of M/s. Paramount Granites, 11/780, Odukoor, Chittadi (PO), Palakkad District, Kerala- 678706, vide his application received on 27.11.2015, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. Nos. 223 pt, 223/2, 223/6 pt, 118/14 pt, & 118/15 of Vandazhi - I Village, Alathur Taluk, Palakkad District, Kerala State. The project site falls within Latitude: N: 10° 32' 25.2'' to N: 10° 32' 32.3'' and Longitude: E : 76° 31' 56.3'' to E : 76° 32' 09.1''. The land use classification as per revenue records is private own land with rubber plantation. The present land use is 3.8669 the current proposal is for the existing quarry with pit / quarry area of 3.8669 Hectares and mineral specific. Hence no alternate site was examined. The project is for quarrying of 3,00,000 tone per annum of building stone from the proposed lease area.*

*Mangalam Dam is at 2.5 km South and Pothundi Dam at 9.8 km East and Peechi Reservoir and sanctuary is at more than 10 km. Quarrying is being conducted since many years. This is an existing quarry was in operation with a short term quarrying permit issued by Mining & Geology Department, Govt of Kerala. The mining activity will have localized impact and create physical change in the existing environment due to the change in the land use. The method of operation is reported as through controlled blasting. The working faces are presently modified by the formation of benches. This quarry area falling in own land is moderately sloping to northwest, exposing hard rock, mostly fractured charnockite suite of rocks. Being an elevated land, streams are not seen in the site. The entire drainage from the quarry is channelized to a pond inside the quarry. Dwelling units are not seen in the immediate vicinity of 100 m. The water demand of the quarry is met from the bore well in the*

*premises. The workers are provided with accommodation and canteen facilities.*

*Based on an overall evaluation of the site, following points may be considered:*

- i) Bench formation has been adopted recently. Main haulage is from the upper part on the eastern side.*
- ii) Over burden is partly stored in a planned manner. It must be provided with protective support.*
- iii) The approach road to the quarry from the main road is not maintained at all. This road must be maintained in good motorable condition by the proponent. Buffer distance from the road near the quarry may not be required as it ends at the quarry.*
- iv) Dust suppression mechanism must be in place.*
- v) Vegetation is seen all around the quarry but must be maintained till the entire life of quarry.*

*Other items from general conditions and CSR may be added recommended for approval.*

The proposal was considered in the 71<sup>st</sup> meeting of SEAC held on 20<sup>th</sup> and 21<sup>st</sup> April 2017. The Committee appraised the proposal based on Form I, Pre-feasibility Report, Mining Plan, field inspection report of the Sub Committee and all other documents submitted with the proposal. The quarry was not in operation while the Sub Committee members visited the site. The Committee decided to Recommend for issuance of EC subject to general conditions in addition to the following specific condition for mining.

- 1. Over burden is partly stored in a planned manner. It must be provided with protective support.*
- 2. The approach road to the quarry from the main road is not maintained at all. This road must be maintained in good motorable condition by the proponent. Buffer distance from the road near the quarry may not be required as it ends at the quarry.*
- 3. If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*

A commitment may be obtained from the proponent to set apart Rs.10 lakh (non-recurring) and Rs.10 lakh per annum (recurring) for CSR activities for the welfare of the local community in consultation with the local Panchayath.

The proponent vide email dated 25/05/2017 informed that the Lease granted will be given for a period of 10 years from the date of execution of the lease. Lease is not granted so far since EC has not been issued.

The Authority accepted the recommendation of SEAC in its 71<sup>st</sup> meeting held on 20<sup>th</sup> and 21<sup>st</sup> April 2017 and decided to issue EC subject to general conditions in addition to the following specific condition for mining.

- 1. Over burden is partly stored in a planned manner. It must be provided with protective support.*

2. *The approach road to the quarry from the main road is not maintained at all. This road must be maintained in good motorable condition by the proponent. Buffer distance from the road near the quarry may not be required as it ends at the quarry.*
3. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*

The conditions suggested by the inspection report should also be fulfilled. The premining conditions should be fulfilled before the mining is started. Rs.10 lakh (non-recurring) and Rs.10 lakh per annum (recurring) should be set apart for CSR activities for the welfare of the local community in consultation with the local Panchayath. As agreed by the proponent, 1 percent of the annual profit should be given to the concerned Panchayath for Biodiversity Management Committee towards eco-restoration.

An affidavit that all the above conditions shall be fulfilled, should be submitted before the issuance of EC.

**Item No: 69.04      Environmental clearance for the expansion of quarry project in Sy. No. 153/2-2, 152/1-3, 151/4-2, 151/2-3, 151/2-4, 151/4-3, 152/1-2, 163/1-1 & 163/1-2 of Block – 26 at Valakom Village, Kottarakkara Taluk, Kollam District, Kerala by Sri. M. Abraham, Ayoor, Kollam for the Proposed Expansion of Building Stone Quarry (File No. 739/SEIAA/KL/6074/2014)**

Sri. M. Abraham, Charuvila Puthenveed, Neerayicodu, Ayoor, Kollam Dist. vide his application received on 07/01/15, and resubmission of revised Form I and revised Mining plan on 18/06/2016 has sought Environmental Clearance under EIA Notification, 2006 for the Proposed Expansion of Building Stone Quarry in Sy. No. 153/2-2, 152/1-3, 151/4-2, 151/2-3, 151/2-4, 151/4-3, 152/1-2, 163/1-1 & 163/1-2 of Block – 26 at Valakom Village, Kottarakkara Taluk, Kollam District for an area of 4.1485 Hectares. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18<sup>th</sup> May 2012 of Ministry of Environment and Forests.

The proposal was considered in the 69<sup>th</sup> meeting of SEAC, Kerala, held on 09<sup>th</sup> & 10<sup>th</sup> March, 2017 and deferred for field visit. Subsequently, field visit to the Quarry project site of Shri. M. Abraham, Valakom Village, Kottarakkara Taluk, Kollam District was carried out on 18.04.2017 by the sub-committee of SEAC, Kerala, comprising Dr. Harikrishnan and Sri. John Mathai. The proponent Sri. M. Abraham along with other representatives was present at the site at the time of site visit.

*This project is located at about 1.5 km west of Vayakkal junction located between Ayoor and Valakom on the M C road. The proposed lease area falls in the upper elevated part of a hillock reaching to an elevation of 140 m amsl. The quarry was in operation with two leases but was stopped due to restrictions and now the validity of the leases has expired. Bench formation*

is not observed in the worked out faces. Boundary pillars of the proposed quarry area are erected and numbered as given in the surface plan. The GPS coordinates of some of them were checked and found to be tallying with the data provided. The rock type is mostly foliated charnockite with prominent augen structure. The overall slope of the land is moderate towards southwest. In the entire area, rock is either exposed or covered with large sized boulders such that OB is limited to pockets. The average OB thickness is less than a metre. The storm water from the entire lease area is presently channelized into an old quarry in the western part. Part of this quarry is used as RWH structure while partly it is being reclaimed. Dominant land use is rubber. Floral and faunal biodiversity is not observed as the area is mostly rocky and disturbed for planting rubber. Dwelling units are not seen within 100 m. A crusher unit and ancillary facilities are planned on the eastern part. Mahadevar temple is seen on the SE side but beyond 200 m from the proposed area. Two other quarries are seen in the vicinity, but the combined area is less than 10 ha. Based on an overall evaluation of the site and perusal of other records, it can be recommended subject to:-

- i. The certificate that the land is not assigned for any specific purpose must be produced.
- ii. The cadastral map of the site is to be produced. The total area in possession and the proposed quarry land must be indicated in it.
- iii. The quarry pit on the western side must be maintained as RWH structure with storm water from the proposed quarry directed to the pit.
- iv. A separate plot to be set apart for conserving rare trees and plants observed in the area.

The proposal was considered in the 71<sup>st</sup> meeting of SEAC held on 20<sup>th</sup> and 21<sup>st</sup> April 2017. The Committee appraised the proposal based on Form I, Pre-feasibility Report, Mining Plan, field inspection report of the Sub Committee and all other documents submitted with the proposal. The Committee decided to Recommend for issuance of EC subject to general conditions in addition to the following specific condition for mining.

1. The quarry pit on the western side must be maintained as RWH structure with storm water from the proposed quarry directed to the pit.
2. If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.

A commitment may be obtained from the proponent to set apart Rs.3 lakh (non-recurring) and Rs.5 lakh per annum (recurring) for CSR activities for the welfare of the local community in consultation with the local Panchayat.

The proponent vide email dated 27/5/2017 informed through the basic details that the validity of quarry lease is 6 years. The quarry is not working now.

The Authority accepted the recommendation of SEAC in its 71<sup>st</sup> meeting held on 20<sup>th</sup> and 21<sup>st</sup> April 2017 and decided to issue EC subject to general conditions in addition to the following specific condition for mining.



1. *The quarry pit on the western side must be maintained as RWH structure with storm water from the proposed quarry directed to the pit.*
2. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*

The conditions suggested by the inspection report should also be fulfilled. Rs.3 lakh (non-recurring) and Rs.5 lakh per annum (recurring) should be set apart for CSR activities for the welfare of the local community in consultation with the local Panchayath. An affidavit that all the above conditions shall be fulfilled, should be submitted before the issuance of EC.

**Item No:69.05 Environmental clearance for the proposed quarry project in Sy. Nos. 362/5-2, 11,12, 363/2,4,6,8,9-1,9-2, 366/3,4 in Manickal village, Nedumangad Taluk, Thiruvananthapuram District, Kerala applications of Sri. Shaji K. Mathew, Director- M/s VKL Infrastructure facilities (P) Ltd. &M/s VKL Projects India (P) Ltd (File No. 753(A)/SEIAA/EC1/ 302/2015 & 753(B)/SEIAA/EC1/302/2015)**

**(File No. 753(A)/SEIAA/EC1/ 302/2015)**

Sri. Shaji K. Mathew, Director, M/s VKL Infrastructure facilities (P) Ltd, 1<sup>st</sup> floor , Anjana Complex, Kundanoor, Maradu.(P.O), Kochi, Kerala-682304, vide his application received on 30.01.2015, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. Nos. 362/5-2,11,12, 363/2,4,6,8,9-1,9-2, 366/3,4 in Manickal village, Nedumangad taluk, Thiruvananthapuram District. The project comes under Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dtd. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares. The proposed project site falls within N 8°39' 13.3" to N 8°39' 22.6" & E 76°57' 07.9" to E76° 57' 18.0". The land use classification as per revenue records is private own land with 0.70.00 hect plantation. The present land use is partly quarry operation and afforestation. The lease area consists of 4.32.11 hectares which is mineral specific. Hence no alternate site was examined. The proposed project is for quarrying of 1,00,000 TPA of building stone.

**(File No. 753(B)/ SEIAA/EC1/302/2015)**

Sri. Shaji K. Mathew, Director, M/s VKL Projects India(P) Ltd, 1<sup>st</sup> floor , Anjana Complex, Kundanoor, Maradu.(P.O), Kochi, Kerala-682304, vide his application received on 30.01.2015, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. Nos. 362/1,2,5-2,5-2-1,5-2-2,10, 366/1,2-1, 367/3, and 374/13 in Manickal village, Nedmangad Taluk, Thriuvananthapuram district. The project comes under Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dtd.24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares. The proposed project site falls within N 8°39' 18.6" to N 8°39' 27.3", E76°57' 06.0" to E76° 57' 16.3". The land use classification as per revenue records is private own land with 4.03.94 hect with 0.48.30 hect plantation. The lease area consists of 4.03.94 hectares of private land, which is mineral

specific- granite building stone. Hence no alternate site was examined. The proposed project is for quarrying of 1,00,000 TPA of building stone.

The matter was first placed in 58<sup>th</sup> meeting of SEAC held on 28/29<sup>th</sup> June 2016 since the proponent has submitted the approved mining plan as per KMMC Rules-2015. The proposal involves two mining plans and two form 1 applications in a single application file. So the committee decided to request the Secretary to sort out the confusion and placed before the committee as individual applications. Hence the item was deferred for considering in next meeting.

In the 59<sup>th</sup> meeting of SEAC held on 11<sup>th</sup> and 12<sup>th</sup> July, 2016 these two firms, VKL Infrastructure facilities (P) Ltd., and VKL Projects India (P) Ltd were assigned file numbers 753(A)/SEIAA/EC1/ 302/2015 and 753(B)/SEIAA/EC1/302/2015 as agenda item no. (59.06&59.07). While presenting the first item, 753(A)/SEIAA/EC1/302/2015 it was observed that mine closure cum conceptual plan is common to both proposals. Hence Committee decided to appraise both the proposals as single unit. On discussion the proponent revealed that the District Geologist vide its letter no. 2994/DOT/ML/2015 dated 14/10/2015 addressed to SEIAA recommended that the leases has to be worked together with approval for composite eco- friendly mining plan and same may be considered for EC. So, SEAC appraised both proposals as a single composite proposal and deferred for field visit and for the following clarifications. Site map showing how to reach the site, Cadastral Map showing total area and quarrying area, More realistic CSR.

#### **Report on the field visit on 19.08.2016**

Field visit to the Quarry project sites of *M/S VKL Infrastructure facilities (P) Ltd* and *M/s VKL Projects India (P) Ltd*, Manickal village, Nedumangad Taluk, Thiruvananthapuram district, Kerala was carried out on 19.08.2016 by the sub-committee of SEAC, Kerala, comprising Sri. P. Sreekumaran Nair and Sri. John Mathai. The Proponent along with his team was present at the site at the time of site visit. Considering the fact that the two projects are adjacent to each other under the same management and with a common mining plan, a common report is given.

The project is located at about 3 km northeast of Vembayam on MC road. The proposed two quarry leases are in own land covering an area of 4.32 ha and 4.04 ha and occupy the eastern slopes an elevated hill ridge exposing hard rock. Though isolated old pits are seen, these two areas are yet to be developed as a quarry. Another working quarry, under the label Covenant Stone for which EC has been given, is seen further south of this area. The rock type in the lease area is banded gneiss. Boundary is partly fenced and corner pillars erected with GPS coordinates painted on them. On the lowest slope, crusher unit is being erected. The storm water from the entire area is presently not channelized. On the western side of the lease land is the highest point in this locality which is popularly known as Thampuran Para, a Govt poramboke rocky hill ridge. Close to this Thampuran para a DTPC building has also been constructed recently. The Thampuran para temple is located about 250 m further west on the west sloping face. Landuse in the lease area is mostly rubber and other shrubs. OB is thin and limited to pockets. Floral and faunal biodiversity is not observed as the area is mostly barren



or disturbed. Dwelling units are not seen within 100 m of the lease area. On the extreme south-eastern corner, within the land recently acquired by the firm, a household deity is seen located. This appears to be in ruins and does not have any approach too. Based on an overall evaluation of the site, following aspects may be considered before it is recommended for EC

1. Map showing all lands in possession and the proposed quarry lease area within this land. The adjacent Govt. Poramboke land and the location of the DTPC building should also be marked.
2. The certificate that the proposed quarry area is not assigned for any special purposes.
3. A narrow belt of land of about 10 m width is left between the two lease areas as a no development zone. An explanation is needed why this zone is left out of the lease area.
4. Considering the presence of a DTPC building and the intended use of this elevated hillock as a place of local tourism, a buffer distance of 100 m must be left as a no development zone from the line connecting the top points on two rocky knobs of Thampuram para and the eastern edge of DTPC building.
5. Top soil and Over burden should be stored in a designated place on the lower slope away from the working area (on the eastern side) and provided with protective support walls.
6. A catch water drain to be provided all along the lowest part and channelized into a pit that is supposed to function as a RWH structure. Water must be clarified before it is let out.
7. Assurance that green belt will be provided around the periphery.
8. Boundary pillars are to be permanently fixed on the ground. Fencing should be provided all around the quarry area.
9. A small plot of say 0.5 ha may be identified within the land belonging to the Proponent for replanting and nurturing rare plants that are seen in the locality
10. An assurance that the location of the local deity (in ruins) is currently not a place of worship.
11. Statutory facilities like drinking water, canteen, place to rest etc. should be provided to the workers in the quarry.
12. The quarry should have sign boards displayed at appropriate places.
13. The survey marks along the village boundary should be left intact.
14. Providing solar panels on the roof of the crusher unit may also be considered.

The CSR activities need to be specific. A revised CSR may be provided as suggested in the meeting.

The proposal was considered in the 62<sup>nd</sup> meeting of SEAC, Kerala, held on 06<sup>th</sup> & 07<sup>th</sup> September, 2016. The Committee appraised the proposal based on the mining plan, pre-feasibility report, field inspection report and all other documents submitted by the proponent. The Committee felt that since bits of land involved in two mining plans are contiguous and operated by the same proponents and there is a recommendation from the District Geologist for treating both the areas as a single unit, it is advisable to have a composite mining plan. Hence the Committee decided to defer the item for a composite mining plan.

Subsequently the proponent has submitted the Composite mining plan sought by the 62<sup>nd</sup> SEAC. The proposal was again considered in the 68<sup>th</sup> meeting of SEAC, Kerala, held on 20<sup>th</sup> & 21<sup>st</sup> February 2017. The Committee verified the additional documents submitted by the proponent and deferred for asking further clarifications from the proponent regarding

1. Map showing all lands in possession and the proposed quarry lease area within this land. The adjacent Govt. Poramboke land and the location of the DTPC building should also be marked.
2. The certificate that the proposed quarry area is not assigned for any special purposes.
3. A narrow belt of land of about 10 m width is left between the two lease areas as a no development zone. An explanation is needed why this zone is left out of the lease area.

Subsequently, the proponent has submitted the documents sought by the 68<sup>th</sup> SEAC.

The proposal was gain considered in the 69<sup>th</sup> meeting of SEAC held on 09<sup>th</sup> & 10<sup>th</sup> March 2017. The Committee appraised the proposal based on the revised composite Mining Plan, Pre-feasibility Report, field visit report, additional documents and all other documents submitted along with Form1 and deferred for the submission of the copy of the certificate prescribed in Rule 27, 2(f) of KMMC Rules. Hence the proponent has submitted the Certificate from Village Officer.

The proposal was considered in the 71<sup>st</sup> meeting of SEAC held on 20<sup>th</sup> and 21<sup>st</sup> April 2017. The Committee verified the additional documents submitted by the proponent and decided to **Recommend for issuance of EC** subject to general conditions in addition to the following specific condition for mining.

1. *Considering the presence of a DTPC building and the intended use of this elevated hillock as a place of local tourism, a buffer distance of 100 m must be left as a no development zone from the path connecting the top points on two rocky knobs of Thampurana and the eastern edge of DTPC building.*
2. *Top soil and over burden should be stored in a designated place on the lower slope away from the working area (on the eastern side) and provided with protective support walls.*
3. *A catch water drain to be provided all along the lowest part and channelized into a pit that is supposed to function as a RWH structure. Water must be clarified before it is let out.*
4. *Boundary pillars are to be permanently fixed on the ground. Fencing should be provided all around the quarry area.*
5. *Production of Certificate as prescribed in Rule 27.2 (f) in Kerala Minor Mineral Concession Rule, 2015. This Certificate may be submitted to SEIAA.*

A commitment may be obtained from the proponent to set apart Rs.16 lakh (non-recurring) and Rs.10 lakh per annum (recurring) for CSR activities for the welfare of the local community in consultation with the local Panchayat.

The proponent vide email dated 20<sup>th</sup> May 2017 submitted the Lease order Nos are 113/2011-12/3739/M3/2011 Dated 26.05.2011 and 01/2012-13/1924/M3/2012 dated 03.04.2012 and the expiry date of lease are 26.05.2021 and 03.04.2022 respectively. The proponent also stated that the quarry is not working now.

The Authority accepted the recommendation of SEAC in its 71<sup>st</sup> meeting held on 20<sup>th</sup> and 21<sup>st</sup> April 2017 and decided to issue EC subject to general conditions in addition to the following specific condition for mining.

1. *Considering the presence of a DTPC building and the intended use of this elevated hillock as a place of local tourism, a buffer distance of 100 m must be left as a no development zone from the path connecting the top points on two rocky knobs of Thampurana and the eastern edge of DTPC building.*
2. *Top soil and over burden should be stored in a designated place on the lower slope away from the working area (on the eastern side) and provided with protective support walls.*
3. *A catch water drain to be provided all along the lowest part and channelized into a pit that is supposed to function as a RWH structure. Water must be clarified before it is let out.*
4. *Boundary pillars are to be permanently fixed on the ground. Fencing should be provided all around the quarry area.*
5. *Production of Certificate as prescribed in Rule 27.2 (f) in Kerala Minor Mineral Concession Rule, 2015. This Certificate may be submitted to SEIAA.*

The conditions suggested by the inspection report should also be fulfilled. The premining conditions should be fulfilled before the mining is started. Rs.16 lakh (non-recurring) and Rs.10 lakh per annum (recurring) should be set apart for CSR activities for the welfare of the local community in consultation with the local Panchayath. An affidavit that all the above conditions shall be fulfilled, should be submitted before the issuance of EC. Item No.(5) (Production of Certificate) should be submitted before the issue of EC.

**Item No:69.06      Environmental clearance for the quarry project in Sy.No. 275/1A at Trippangottur Village, Thalassery Taluk, Kannur District, Kerala-670693 by Sri.T.P. Sunil Babu Thalassery Taluk, Kannur District for Granite Building Stone Quarry of Sri. T.P. Sunil Babu. (File No. 859/SEIAA/EC4/2988/2015)**

Sri T.P. Sunil Babu, Thankesapurayil, Kandyan House, Narikkottumala P.O., Panoor, vide his application received on 29/07/2015 has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. No. 275/1A at Trippangottur Village, Trippangottur Panchayat Thalassery Taluk, Kannur District, Kerala-670693 for an area of 2.2322 hectares. The project comes under Category B/B2, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18<sup>th</sup> May 2012 of Ministry of Environment and Forests. It is

further categorized as Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dt. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

Since the tenure of the SEIAA, Kerala had expired, the proponent submitted an application to MoEF directly for getting EC. Since SEIAA, Kerala has been constituted, MoEF returned to SEIAA as per the letter cited on its constitution as per letter No. Z-11013/24/2015-IA-II (M) dated 01-04-2015 of the MoEF; corresponding physical files have not so far been received from the Ministry. Hence the proponent submitted application including Form I, Pre-feasibility report, EMP and Approved mining plan.

The proposal was considered in the 64<sup>th</sup> meeting of SEAC, Kerala, held on 16<sup>th</sup> & 17<sup>th</sup> November, 2016. The committee observed that the quarry is 6 Km from wild life sanctuary and have applied for clearance from NBWL. The highest and the lowest elevation of the proposed area are 279 & 219 above MSL respectively. There is no crusher associated with this quarry.

The committee decided to defer the item for field inspection to assess the ground realities. Subsequently, the site visit to the quarry was carried out on 12<sup>th</sup> February 2017 by Dr. P. S. Harikumar and Dr Khaleel Chovva. The proponent was present at the site.

### **Observations**

The proposed project site falls within Latitude N 11°47'51.34" to 11°47'45.59" and Longitude E 75°39' 19.40" to E 75°39'12.70". On the date of visit, no quarrying activity was noticed. It is an existing quarry. Benches were not formed. A total quantity of approximately 2 m<sup>3</sup> of topsoil and 2.5 m<sup>3</sup> of over burden needs to be removed during the mining operations. The overburden was seen deposited haphazardly in the area. No sign boards were seen around the quarry. No fencing was also provided. Human settlement is more than 100 m from the site. They have not provided any drainage so as to collect the runoff water. The approach road is in a bad shape.

### **Recommendations**

The site is being developed without any proper scientific manner. The environment is not conducive for the activity. The proposal can be considered for issuance of EC only after the implementing certain measures which are conducive for mining. The steps include: maintaining the approach road, providing fences and sign boards around the site, depositing overburden at a suitable place with protection, providing proper drainage etc. After implementing these measures only, the application for the issuance of EC can be recommended.

The proposal was considered in the 68<sup>th</sup> meeting of SEAC, Kerala, held on 20<sup>th</sup> & 21<sup>st</sup> February 2017 and deferred the item for submission of clarifications sought in the field visit report.

1. *Maintenance of the approach road.*
2. *Fences and sign boards should be provided around the site*
3. *Overburden should be deposited at a suitable place with protection*
4. *Proper drainage system should be provided.*

Accordingly, the proponent submitted clarifications sought in the 68<sup>th</sup> meeting of SEAC. The proposal was considered in the 71<sup>st</sup> meeting of SEAC held on 20<sup>th</sup> and 21<sup>st</sup> April 2017. The Committee verified the additional documents submitted by the proponent and found satisfactory. Based on the Mining plan, Form.1, all other documents submitted with the proposal and the field visit report, the committee decided to Recommend for issuance of EC subject to the general conditions in addition to the following specific condition.

1. *Maintenance of the approach road.*
2. *Fences and sign boards should be provided around the site*
3. *Overburden should be deposited at a suitable place with protection*
4. *Proper drainage system should be provided.*
5. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*
6. *Operation shall be commenced only after the wildlife clearance from the MoEF.*

A commitment may be obtained from the proponent to set apart Rs.7 lakh (non-recurring) and Rs.6 lakh per annum (recurring) for CSR activities for the welfare of the local community in consultation with the local Panchayat.

The proponent vide email dated 19<sup>th</sup> May 2017 informed through the basic details that the quarry is not working and is stopped since 27/10/2016 due to the expiry of validity of short term permit.

The Authority accepted the recommendation of SEAC in its 71<sup>st</sup> meeting held on 20<sup>th</sup> and 21<sup>st</sup> April 2017 and decided to issue EC subject to general conditions in addition to the following specific condition for mining.

1. *Maintenance of the approach road.*
2. *Fences and sign boards should be provided around the site*
3. *Overburden should be deposited at a suitable place with protection*
4. *Proper drainage system should be provided.*
5. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*
6. *Operation shall be commenced only after the wildlife clearance from the MoEF.*

The conditions suggested by the inspection report should also be fulfilled. The premining conditions should be fulfilled before the mining is started. Rs.7 lakh (non-recurring) and Rs.6 lakh per annum (recurring) should be set apart for CSR activities for the welfare of the local community in consultation with the local Panchayath. An affidavit that all the above conditions shall be fulfilled should be submitted before the issuance of EC.

**Item No: 69.07      Environmental clearance for the quarry project in Sy. No. 1446/3 at Killanur Village, Mulankunnathukavu Panchayath, Thrissur Taluk, Thrissur District, Kerala State by Mr. Sony P. George, Managing**



**Partner & Authorized signatory of G.M. & Sons Granites (File No. 944/SEIAA/EC14127/2015)**

Mr. Sony P. George, Brahmakulam House, Naithalakkavilamma Temple Road, Pambur P.O., Kuttur, Trissur, Kerala – Managing Partner & Authorized signatory of G.M. & Sons Granites, Killannur, Trissur vide his application received on 9.10.2015, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. No. 1446/3 at Killanur Village, Mulankunnathukavu Panchayath, Thrissur Taluk, Thrissur District, Kerala for an area of 0.8093 hectares. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 5 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18<sup>th</sup> May 2012 of Ministry of Environment and Forests.

The proposal was considered in the 68<sup>th</sup> meeting of SEAC, Kerala, held on 20<sup>th</sup> & 21<sup>st</sup> February 2017 and deferred for field inspection. *Field visit to the Quarry project site of M/S GM & Sons Granites located in Survey Nos. 1446/3 at Killanur Village, Mulankunnathukavu Panchayath, Thrissur Taluk, Thrissur District, Kerala State by Mr. Sony P. George, Managing Partner & Authorized signatory of G.M. & Sons Granites (File No. 944/SEIAA/EC14127/2015) was carried out on 04.03.2017 by the sub-committee of SEAC, Kerala, comprising Dr. Jayson E.A. and Dr. K.G. Padmakumar. The Proponent was present at the site. The report is as follows;*

*Mr. Sony P. George, Brahmakulam House, Naithalakkavilamma Temple Road, Pambur P.O., Kuttur, Thrissur, Kerala – Managing Partner & Authorized signatory of G.M. & Sons Granites, Killannur, Thrissur vide his application received on 9.10.2015, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. No. 1446/3 at Killanur Village, Mulankunnathukavu Panchayath, Thrissur Taluk, Thrissur District, Kerala for an area of 0.8093 hectares. The proposed project site falls within latitude 10<sup>o</sup> 34' 33.90" N - 10<sup>o</sup> 34' 38.20" N & longitude 76<sup>o</sup> 14' 35.90" E - 76<sup>o</sup> 14' 39.40" E. The land use classification as per revenue records is private own land dry land with only local vegetations / plantation. The lease area consists of 0.8093 hectares, which is private land. The proposed project is for quarrying of 21,600 MTA of building stone. Distance of the mining area from the nearest human settlement is recorded as more than 105 m. The total water requirement is about 15.5 KLD of which 4.5 KLD is for domestic & sanitary needs, 8.0 KLD for Dust suppression and 3.0 KLD Green belt Development. The main source of water is ground water and rain water harvesting. The total project cost is 501 Lakhs.*

*Vazhani wildlife Sanctuary is at 12.17 km, Vazhani Dam at 10 km, and Poomala Dam is at 2.57 km. No litigation/complaint/cases are found against the quarry. Mining will make small change in land use pattern and the terrain is Sloppy with most of the area with exposed rock. Local vegetation is with native trees, climbers, grass, shrubs etc. No Nallas or streams in the proposed mining area. No significant liquid waste will be generated, only used oil from vehicles and machineries which will be handled as per Hazardous Waste Management Handling & Tran boundary Rule 2008. The proposed site is well connected to the SJ colony road having 7 meter wide in good condition. This is a public road which has to be used for*



transportation of rocks with the help of trucks during mining operations. Nearest National Highway – NH 47 located at 5.17 km away. There are no forest lands near to the proposed mining area and in the buffer zone of 10 km radius which can get affected by the mining. Chittanda Reserve Forest is at 13.65 km – N (Aerial) away from the lease boundary. The granite rocks are well exposed. Hence no top soil and waste will be generated. Green belt construction in safety belt area is needed and also in, haul roads and reclaimed land areas. The mining activity will have localized impact and create physical change in the existing environment due to the change in the land use.

Based on an overall evaluation of the site, following points may be considered:

1. The drainage from the quarry is to be de silted before allowing to go outside
2. Dust suppression mechanism must be in place.
3. In the absence of perennial streams in the vicinity, ultimate depth of mine will depend on the possible benches in the lease area.
4. Vegetation is seen all around the quarry but must be maintained till the entire life of quarry.
5. Other items from general conditions and CSR may be added recommended for approval.

The proposal was considered in the 71<sup>st</sup> meeting of SEAC held on 20<sup>th</sup> and 21<sup>st</sup> April 2017. The Committee appraised the proposal based on Form I, Pre-feasibility Report, Mining Plan, field inspection report of the Sub Committee and all other documents submitted with the proposal. The Committee decided to Recommend for issuance of EC subject to general conditions in addition to the following specific condition for mining.

1. The drainage from the quarry is to be de silted before allowing to go outside.
2. Dust suppression mechanism must be in place.
3. If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.

The proponent agreed to spend Rs 3 lakhs each as recurring and non-recurring expenditure for taking up CSR activities in the locality in consultation with the local body.

The proponent vide email dated 22/05/2017 informed that the quarry is not working and after obtaining EC & permit they will start working.

The Authority accepted the recommendation of SEAC in its 71<sup>st</sup> meeting held on 20<sup>th</sup> and 21<sup>st</sup> April 2017 and decided to issue EC subject to general conditions in addition to the following specific condition for mining.

1. The drainage from the quarry is to be de silted before allowing to go outside.
2. Dust suppression mechanism must be in place.
3. If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.

The conditions suggested by the inspection report should also be fulfilled. The premining conditions should be fulfilled before the mining is started. Project proponent has agreed that Rs.3 lakh (non-recurring) and Rs.3 lakh per annum (recurring) shall be set apart for CSR activities for the welfare of the local community in consultation with the local Panchayath. The CSR component (Non Recurring) should be enhanced to 2% of total project cost. An affidavit that all the above conditions shall be fulfilled, should be submitted before the issuance of EC.

**Item No: 69.08      Environmental Clearance for the proposed quarry project in Sy.No. 59/2 at Kariyavattom Village, Perinthalmanna Taluk, Malappuram District, by Sri. K. A. Abraham, Managing Director for M/s Poabson Granite Products Pvt. Ltd. (File No. 946/SEIAA/EC1/4152/ 2015)**

Sri. K. A. Abraham, Managing Director, M/s Poabson Granite Products Pvt. Ltd., Kuttoor P.O., Thiruvalla, Pathanamthitta -689 106 vide his application received on 13-10-2015, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Survey Nos. 59/2 of Kariyavattom Village, Perinthalmanna Taluk, Malappuram District. The project comes under Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dated 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

The proposal was first considered in the 58<sup>th</sup> meeting of SEAC held on 28<sup>th</sup> & 29<sup>th</sup> June 2016 and recommended for issuance of EC for mining subject to the general conditions.

57<sup>th</sup> meeting of SEIAA held on 26<sup>th</sup> August 2016 considered the matter and observed that, SEAC appraised the proposal in its 58<sup>th</sup> meeting held on 28/29-6-2016 and recommended for issuance of EC for mining subject to the general conditions. As site inspection had not been done, Authority referred the case to SEAC for site inspection.

The proposal was again placed in the 61<sup>st</sup> meeting of SEIAA, held on 30<sup>th</sup> November 2016. The Authority once again decided to return the proposal for site inspection and the report at the earliest.

Subsequently, the proposal was considered in the 68<sup>th</sup> meeting of SEAC, Kerala, held on 20<sup>th</sup> & 21<sup>st</sup> February 2017. The Committee examined the suggestions made by SEIAA and decided to **defer** the item for site inspection. Accordingly, the Subcommittee Members of SEAC were carried out site inspection and the report is given below:

*Field visit to the Quarry project site of M/s Poabson Granite Products Pvt. Ltd. in Kariyavattom Village, Perinthalmanna Taluk, Malappuram District was carried out on 01.04.2017 by the sub-committee of SEAC, Kerala, comprising Dr. Khaleel Chowwa and Sri. John Mathai. The Site Manager, Mining Engineer and other representatives were present at the site at the time of site visit.*

*This project is located at Thelakkad about 7 km NE of Perinthalmanna. The quarry is approachable from Kariavattom-Vettathur road. The area applied for EC is mostly a developed quarry within a large tract of own land that has been working on a lease with its validity till 2018. However the work has been stopped and is not presently working. Another bit adjacent to*

area has been already awarded EC previously where development is in progress. The proposed lease area falls in the upper elevated part of a NW-SE trending hill ridge reaching to an elevation of 250 m amsl. Boundary pillars of the quarry area are erected with fencing and numbered as given in the surface plan. The GPS coordinates of some of them were verified and found to be correct. The overall slope of the land is towards northeast. The quarry has been developed in the elevated part where rock is exposed. The rock type is weakly foliated charnockite. Rock is exposed in continuous sections such that OB is negligible. Benches have been provided in the developed sections. The storm water from the entire lease area is presently channelized through an existing channel into the lower valley. Dominant land use in the vicinity is rubber mostly confined to the middle and lower slopes. Floral and faunal biodiversity is not observed as the area is mostly rocky and disturbed. Dwelling units are not seen within 100 m. An abandoned quarry pit used as a RWH structure is noticed within 500 m from the periphery where crusher unit and ancillary facilities are seen located. The overburden from the quarry is stored in the lower slope. Protective walls are provided. Trees and shrubs are planted on the periphery of the quarry lease area. Sign boards are provided at appropriate places. The approach road is wide and well maintained. Workers are provided with canteen and rest rooms. The Based on an overall evaluation of the site it can be recommended subject to:-.

- a. Loose boulder check dams are provided on the storm water channel. However they may be avoided in the steeper segments as it can add to instability.
- b. A RWH structure to be provided in the lowest part on the quarry for clarification and storage of water.
- c. Rare plants seen in the locality should be conserved in a specially designated plot on the lower slope.

The proposal was considered in the 71<sup>st</sup> meeting of SEAC held on 20<sup>th</sup> and 21<sup>st</sup> April 2017. The Committee appraised the proposal based on Form I, Pre-feasibility Report, Mining Plan, field inspection report of the Sub Committee and all other documents submitted with the proposal. The Committee decided to Recommend for issuance of EC subject to general conditions in addition to the following specific condition for mining.

- 1) If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.

The proponent agreed to set apart Rs 13 lakhs and Rs 12 lakhs (per annum) towards non-recurring and recurring expenditures respectively for taking up CSR activities in the locality in consultation with the local panchayath.

The proponent vide e-mail dated 21/05/2017 informed that there is no quarrying operation in the 5.0263ha area. The adjoining land to this area is working with mine lease & environment clearance for an area of 4.4817 ha.

The Authority accepted the recommendation of SEAC in its 71<sup>st</sup> meeting held on 20<sup>th</sup> and 21<sup>st</sup> April 2017 and decided to issue EC subject to general conditions in addition to the following specific condition for mining.

1. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*

The conditions suggested by the inspection report should also be fulfilled. The premining conditions should be fulfilled before the mining is started. Project proponent has agreed that Rs.13 lakh (non-recurring) and Rs.12 lakh per annum (recurring) shall be set apart for CSR activities for the welfare of the local community in consultation with the local Panchayath. The CSR component (Non Recurring) should be enhanced to 2% of total project cost. An affidavit that all the above conditions shall be fulfilled, should be submitted before the issuance of EC.

**Item No:69.09 Environmental clearance for the proposed quarry project in Sy.Nos. 1476/1, 1476/10, 1476/2, 1476/4, 1476/5, 1476/7, 1477/2, 1478/2, 1478/5, 1478/9, 1483/10, 1483/12, 1483/2, 1483/3, 1483/9, 1490/4, 1491/1, 1491/2, 1491/3, 1494/1, 1495/1, 1497/1 & 1497/2 at Madakkathara Village, Thrissur Taluk, Thrissur District, Kerala application of Sri. Jose John (Managing Director), M/s Trissur Sand and Gravel Pvt. Ltd. (File No. 991/SEIAA/EC1/4812/2015)**

Sri. Jose John (Managing Director), M/s Trissur Sand and Gravel Pvt. Ltd. , Panadipparambu, Vellanikkara P.O., Madakkathara, Thrissur, Kerala-680651, vide his application received on 21-11-2015, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Survey Nos. 1476/1, 1476/10, 1476/2, 1476/4, 1476/5, 1476/7, 1477/2, 1478/2, 1478/5, 1478/9, 1483/10, 1483/12, 1483/2, 1483/3, 1483/9, 1490/4, 1491/1, 1491/2, 1491/3, 1494/1, 1495/1, 1497/1 & 1497/2 at Madakkathara Village, Thrissur Taluk, Thrissur District, Kerala. The project comes under Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dtd. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

The proposal was considered in the 60<sup>th</sup> meeting of SEAC held on 28<sup>th</sup> and 29<sup>th</sup> July, 2016 and **deferred** the item for field visit and for the following clarifications which are need to be checked during site visit.

1. Dam in the upstream side should be checked.
2. Documents pertaining to the public complaints to be submitted by the proponent.
3. Proximity to KSEB substation

Accordingly, the Subcommittee Members of SEAC were carried out site inspection and the report is given below:

*Field visit to the Quarry project site of M/S Thrissur Sand and Gravel Pvt. Ltd located in Survey Nos. 1476/1, 1476/10, 1476/2, 1476/4, 1476/5, 1476/7, 1477/2, 1478/2, 1478/5, 1478/9, 1483/10, 1483/12, 1483/2, 1483/3, 1483/9, 1490/4, 1491/1, 1491/2, 1491/3, 1494/1, 1495/1, 1497/1 & 1497/2 at Madakkathara Village, Thrissur Taluk, Thrissur District, Kerala application of Sri. Jose John (Managing Director), M/s Thrissur Sand and Gravel Pvt. Ltd. (File No. 991/SEIAA/EC1/4812/2015) was carried out on 04.01.2017 by the sub-committee*

of SEAC, Kerala, comprising Dr. Jayson E.A and Dr. Padmakumar. The representatives of the Proponent were also present at the site.

The proposed project site falls within Latitude (N)  $10^{\circ} 34'00.71''$  to  $10^{\circ} 34'21.52''$ , Longitude (E)  $76^{\circ} 17'04.44''$  to  $76^{\circ} 17'15.0''$ . The land use classification as per revenue records is private own land with native plantation. The present land use is rocky land. The current proposal is for the existing quarry with pit area of 8.6589 hectares and mineral specific (Mineable reserves 67,29,869 MT). The proposed project is for quarrying of 3,00,000 MTA of building stone. The quarry was operating with quarrying leases issued by Mining and Geology Department, Govt. of Kerala in an area of 3.3356 hectare for production of 65,000 TPA.

The project is an active quarry located at Thrissur Taluk, Thrissur District, Kerala. The method of operation is reported as through controlled blasting. The working faces are presently modified by the formation of benches. This quarry area falling in own land is moderately sloping to northwest, exposing hard rock, mostly fractured charnockite suite of rocks. The rock type is mostly with sub-horizontal foliation in folded attitude. Pockets of weathered rock with limited over burden (OB) is seen in the upper eastern part. Being an elevated land, streams are not seen in the site. However fairly good seepage of water is seen at the interface of rock and OB. The entire drainage from the quarry is channelized to a pond in the south side. Dwelling units are not seen in the immediate vicinity of 100 m. The water demand of the quarry is met from the bore well in the premises. The workers are provided with accommodation and canteen facilities. A crusher is working in the vicinity.

Based on an overall evaluation of the site, following points may be considered:

1. Over burden must be stored in the designated place.
2. Main haulage is from the upper part on the eastern side.
3. The approach road to the quarry is well maintained and canal system is made in the entrance to clear the tyres of vehicle from dust and dirt while entering the quarry premises and while leaving the quarry premises.
4. Dust suppression mechanism must be in place.
5. In the absence of perennial streams in the vicinity, ultimate depth of mine will depend on the possible benches in the lease area.
6. Vegetation is seen all around the quarry but must be maintained till the entire life of quarry.
7. Nearest house is at 200 m.
8. Peechi Irrigation drain flows at a distance of 500 m, on southern side
9. Kachithodu Check dam, is located at a distance of 700 m, on NE
10. Thanikkudam River, is at 2.50 km, NW
11. Power grid center is at - 1 km away
12. Annual production 3,00,000 MTA- Cost 10.55 Crores.
13. Peechi- Vazhani forest area is at 12 km away.
14. North boundary- Own land
15. South boundary- Own land
16. North-South- slope
17. Facility- Good for workers



18. *Planting of trees is needed in the area.*

19. *Other items from general conditions and CSR may be added and recommended for EC.*

The proposal was considered in the 71<sup>st</sup> meeting of SEAC held on 20<sup>th</sup> and 21<sup>st</sup> April 2017. The Committee appraised the proposal based on Form I, Pre-feasibility Report, Mining Plan, field inspection report of the Sub Committee and all other documents submitted with the proposal. The quarry was not working at the time of file inspection. The Committee decided to Recommend for issuance of EC subject to general conditions in addition to the following specific condition.

1. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*

A commitment may be obtained from the proponent to set apart Rs.10 lakh (non-recurring) and Rs.10 lakh per annum (recurring) for CSR activities for the welfare of the local community in consultation with the local Panchayat.

The proponent vide email dated 22/05/2017 informed that the quarry is working with mine lease for an area of 1.3739 ha. The mine lease area is part of the area under consideration in the application. Presently, the quarry is working with mine lease which is valid upto 30-05-2018.

The Authority accepted the recommendation of SEAC in its 71<sup>st</sup> meeting held on 20<sup>th</sup> and 21<sup>st</sup> April 2017 and decided to issue Environmental Clearance subject to obtaining legal opinion as decided in the 66<sup>th</sup> SEIAA meeting whether quarrying on lease areas without Environmental Clearance would also come under the scope of violation. EC will be issued subject to general conditions in addition to the following specific condition for mining.

1. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*

The conditions suggested by the inspection report should also be fulfilled. The premining conditions should be fulfilled before the mining is started. The CSR component (Non Recurring & Recurring) should not be less than 2% of total project cost, the details of which should be submitted before the issue of EC. An affidavit that all the above conditions shall be fulfilled, should also be submitted.

**Item No:69.10**      **Environmental clearance for the quarry project in Sy. No. 39/1 & 39/2 of Venganellur Village, Thalappilly Taluk, Thrissur District, Kerala by Mr. V. GovindanKutty- Managing Partner of M/s. Divya Metal Industries (File No. 1062/SEIAA/EC1/1639/16)**



Sri. V. Govindan Kutty- Managing Partner of M/s. Divya Metal Industries, Nattianchira, Chelakodu P.O, Thrissur District, Kerala State vide his application received on 14.01.16, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. No's. 39/1 & 39/2 of Venganellur Village, Thalappilly Taluk, Thrissur District, Kerala for an area of 1.3079 hectares. The project comes under Category B2, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 5 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18<sup>th</sup> May 2012 of Ministry of Environment and Forests.

The proposal was considered in the 68<sup>th</sup> meeting of SEAC, Kerala, held on 20<sup>th</sup> & 21<sup>st</sup> February 2017 and deferred the item for field inspection. During site inspection the proximity of reserve forest should be looked into.

Accordingly, the Subcommittee Members of SEAC carried out site inspection and the report is given below:

*Field visit to the Quarry project site of M/S Divya Metal Industries located in Survey Nos. 39/1 & 39/2 of Venganellur Village, Thalappilly Taluk, Thrissur District, Kerala by Mr. V. Govindan Kutty Managing Partner of M/s. Divya Metal Industries (File No. 1062/SEIAA/EC1/1639/16) carried out on 04.03.2017 by the Sub-Committee of SEAC, Kerala, comprising Dr. Jayson E.A. and Dr. K.G. Padmakumar. The area requested is for 1.3079 hectares. The Proponent was present at the site.*

*The proposed project site falls within North Latitude 10°43'54.2" to 10°43'58.9"N and East Longitude 76°22'34.5" to 76°22'38.6"E. The land use classification as per revenue records is private own land. The lease area consists of 1.3079 hectares, which is private land. The proposed project is for quarrying of maximum proposed ROM Production 1,15,920 tons/annum of Granite Building Stone. The total water requirement is about 10.0 KLD in which 3.0 KLD is for domestic which would be sourced from open well, 7.0 KLD for dust suppression system in mine as well as ancillary unit. The total project cost is 27 lakhs. The mining activity will have localized impact and create physical change in the existing environment due to the change in the land use. Among the Water bodies the Bharathapuzha River is at 2.4 km – NW and the Reserve Forest Medaku RF, is at 50 m in South and South East direction.*

*The field studies it is observed that the Quarry lease area is falling in uncultivable lands, non-forest i.e. in Private lands. The area in essence consists of Stone/Rocky ridges and slope/gradient in all directions. The highest elevation is 155 m and lowest elevation is 118m above the MSL. The subject area falls within this region confining to a part of Venganellur Village. The method of operation is reported as through controlled blasting. The working faces are presently modified by the formation of benches. Dwelling units are not seen in the immediate vicinity of 100 m. Garland drains will be needed to control the water flowing out of the quarry.*

*Based on an overall evaluation of the site, following points may be considered:*

- 1. No work has been initiated in the site.*
- 2. Sign boards of warning and blasting time has to be fixed before initiating the work.*

3. *The whole lease area has to be fenced.*
4. *Resting place for workers and staff has to be constructed.*
5. *Over burden is to be stored in the designated places with protective support.*
6. *The approach road to the quarry from the main road is not maintained at all. This road must be maintained in good motorable condition by the proponent. Buffer distance from the road near the quarry may not be required as it ends at the quarry.*
7. *Dust suppression mechanism must be in place.*
8. *Vegetation is seen all around the quarry but must be maintained till the entire life of quarry.*
9. *Nearest house is at 500 m.*
10. *Highest elevation- 30m*
11. *Slope North to South*
12. *One rocky portion*

*Other items from general conditions and CSR may be added.*

The proposal was again considered in the 71<sup>st</sup> meeting of SEAC held on 20<sup>th</sup> and 21<sup>st</sup> April 2017. The Committee appraised the proposal based on Form I, Pre-feasibility Report, Mining Plan, field inspection report of the Sub Committee and all other documents submitted with the proposal. The Committee decided to **Recommend for issuance of EC** subject to general conditions in addition to the following specific condition for mining.

1. *The approach road to the quarry from the main road is not maintained at all. This road must be maintained in good motorable condition by the proponent.*
2. *Dust suppression mechanism must be in place.*
3. *100 m distance should be left from the Reserve Forest boundary.*
4. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*

The proponent agreed to set apart Rs 5 lakhs and Rs 3 lakhs, non-recurring and recurring amounts respectively, for taking up CSR activities in the locality in consultation with local panchayat.

The proponent vide email message dated 22<sup>nd</sup> May 2017 informed through the signed basic details that this is the fresh quarry.

The Authority accepted the recommendation of SEAC in its 71<sup>st</sup> meeting held on 20<sup>th</sup> and 21<sup>st</sup> April 2017 and decided to issue EC subject to general conditions in addition to the following specific condition for mining.

1. *The approach road to the quarry from the main road is not maintained at all. This road must be maintained in good motorable condition by the proponent.*
2. *Dust suppression mechanism must be in place.*
3. *100 m distance should be left from the Reserve Forest boundary.*

4. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*

The conditions suggested by the inspection report should also be fulfilled. The premining conditions should be fulfilled before the mining is started. Rs.5 lakh (non-recurring) and Rs.3 lakh per annum (recurring) should be set apart for CSR activities for the welfare of the local community in consultation with the local Panchayath. An affidavit that all the above conditions shall be fulfilled, should be submitted before the issuance of EC. **EC will be issued only after submitting an affidavit to the effect that 100 m distance should be left from the Reserve Forest boundary.**

**Item No: 69.11 Application for Environment Clearance for Integrated I.T. Township project at Sy. Nos. 340/3, 334/1, 344, 345/3, 339/1, 337, 87/5 of Marthakkara Village, Puthur Panchayat and Sy. Nos. 204/4, 204/8, 204/1, 204/2, 204/5, 203/28, 203/30, 203/33, 203/34, 203/36, 203/37, 203/38, 203/39, 203/40, 203/41, 203/42, 203/44 of Ullur Village, Thrissur Corporation, Thrissur Taluk & District, Kerala by Sri. Siyad C.A (File No.1078/EC1/SEIAA/2016)**

Sri Siyad C.A, Director M/s Malabar Developers Pvt. Ltd his application received on 3.11.2016 has sought for terms of reference for EIA study Environment Clearance for Integrated I.T. Township project at Sy. Nos. 340/3, 334/1, 344, 345/3, 339/1, 337, 87/5 of Marthakkara Village, Puthur Panchayat and Sy. Nos. 204/4, 204/8, 204/1, 204/2, 204/5, 203/28, 203/30, 203/33, 203/34, 203/36, 203/37, 203/38, 203/39, 203/40, 203/41, 203/42, 203/44 of Ullur Village, Thrissur Corporation, Thrissur Taluk & District It is interalia noted that the project comes under category 8(b) of schedule of EIA notification 2006. As per the application no forest land is involved in the proposed site. The total site area spread over an area of 8.17089 ha. which is undeveloped land covered with native species. The land for the proposed development is reserved for development of an integrated I.T. township project.

The proposal was considered in the 65<sup>th</sup> meeting of SEAC, held on 06th December, 2016. The Committee appraised the Terms of Reference (ToR) and decided to approve the draft ToR. Subsequently the proponent has submitted the EIA study report.

A letter has been sent to the proponent for power point presentation on 18.04.2017. Meanwhile the proponent replied to SEIAA that, since the built-up area of the proposal is more than 3,00,000sq.m, the matter is to be dealt with MoEF. The details of email are given below:

*As per the notification dt. 09/12/2016 of MoEF, for all building construction projects with built-up area more than 3,00,000 sq.m., the environmental clearance for these projects will be dealt at MoEF. Accordingly we have discussed with our Consultant and has submitted the application, approved TOR and EIA report at MoEF through on-line and awaiting for appraisal by the Expert Appraisal Committee, MoEF.*

The proposal was considered in the 71<sup>st</sup> meeting of SEAC held on 20<sup>th</sup> and 21<sup>st</sup> April 2017. Since the built-up area of the proposal is more than 3,00,000 sq.m, the proposal for EC has to be preferred before EIAA in MoEF. Hence SEIAA may take appropriate action in the matter.

The Authority accepted the recommendation of SEAC in its 71<sup>st</sup> meeting held on 20<sup>th</sup> and 21<sup>st</sup> April 2017. Since the built-up area of the proposal is more than 3,00,000 sq.m, the proposal for EC has to be preferred before EAC in MoEF. Hence SEIAA decided to delist the proposal.

**Item No:69.12 Environmental clearance for proposed Rubber Park Project in Sy.Nos. 688/1/1, 688/1/2, 688/1/69, 688/1/270, 688/1/271 at Piravanthoor Village and Pathanapuram Taluk, Kollam District, Kerala by Shri. Biju P Poullose, Manager Technical, Rubber Park India (P) Limited (File No. 1095/EC/SEIAA/2017)**

Shri. Biju P Poullose, Manager Technical, Rubber Park India (P) Limited, 2 A, Kautileeyam, Rubber Park, Valayanchirangara P. O., Ernakulam – 683556. vide his application received online and has sought environmental clearance under the EIA Notification, 2006 for the proposed Rubber park Project in Sy.Nos. 688/1/1, 688/1/2, 688/1/69, 688/1/270, 688/1/271 at Piravanthoor Village and Pathanapuram Taluk, Kollam District, Kerala by Shri. Biju P Poullose, Manager Technical, Rubber Park India (P) Limited. It is inter alia, noted that the project comes under the Category B, 8(a) of Schedule of EIA Notification 2006. No forest land is involved in the present project.

The Rubber Park India [P] Ltd. proposed to develop a Rubber Park incorporating rubber based industries in the Plot of erstwhile Travancore Plywood Industries Ltd. The development is proposed in two phases in 40 acres of land. The entire area is divided into different parcel of land and each will be lease out to individual parties subject to the maximum possible built up area as per the area statement. The proposed total built-up area is 16.19 hectare. The proposed land is Leased land from KINFRA.

The Committee in its 71<sup>st</sup> meeting held on 20<sup>th</sup> and 21<sup>st</sup> April 2017 observed that the proposed site is in an ESA village and the total built up area of the project is 66,264 m<sup>2</sup>. Since the construction of building above 20,000 m<sup>2</sup> is prohibited in an ESA Village, the Committee decided to recommend to reject the application. The Authority decided to accept the recommendation of SEAC to reject the proposal.

**Item No:69.13 Environmental clearance for removal of ordinary earth in Re.Sy. Nos. 388/6-1, 13, 5 and 15 at Maadappally Village, Changanassery Taluk, Kottayam District, Kerala by Sri.E.K.K.Mohammed (File No. 505/ SEIAA/EC4/3608/2014)**

Sri. E.K.K. Mohammed, Managing Partner, E.K.K. and Company, 2<sup>nd</sup> Floor, Municipal Building, A.M. Road, Perumbavoor, Ernakulam has applied for Environmental

Clearance for removal of 4000 m<sup>3</sup> of ordinary earth from 0.2053 hectare of land in Re. Sy. Nos. 388/6-1, 13, 5 and 15 at Maadappally Village, Changanassery Taluk, Kottayam District.

The proposal was considered in the 39<sup>th</sup> SEAC meeting held on 14<sup>th</sup> & 15<sup>th</sup> May 2015. The Committee appraised the proposal based on the details provided by the applicant and decided to RECOMMEND the application for issuance of Environmental Clearance for removal of 3500 m<sup>3</sup> of ordinary earth subject to the condition that removal should be by forming terraces limiting the average depth to 2m since the proponent has submitted consent from the adjacent owners.

In the 60<sup>th</sup> meeting of SEIAA held on 27/10/2016 resolved to ask the proponent whether the Environmental Clearance is still required as the road construction might be over by this time.

Now the proponent submitted a request dated 20/03/2017 stating that the road work of K.S.T.P is still continuing and to extract the soil environmental clearance is essential.

SEIAA in its 65<sup>th</sup> meeting held on 22<sup>nd</sup> March 2017 decided to obtain information about how much has been extracted. It was decided to inform the proponent that a letter from KSTP that it still requires Ordinary earth should be produced, for considering EC to be issued.

The proponent vide letter dated 23/5/2017 has enclosed the letter from the Executive Engineer KSTP informing that about 15000m<sup>3</sup> of red earth is additionally required for completing the embankment formation of Thiruvalla Bypass and has sought sanction for extraction and conveying the required quantity from various govt.approved areas or permission from borrow area at Santhipuram Madapally village.

The Authority decided to accept the recommendation of SEAC to issue Environmental Clearance for the removal of 3500 m<sup>3</sup> of ordinary earth subject to the condition that removal should be by forming terraces limiting the average depth to 2m since the proponent has submitted consent from the adjacent owners.

## **Court Cases**

### **i) Judgment W.P.(C) 13072 of 2017 dt.11.04.2017 for Petitioner Shri.P.J.Jony**

Sri.P.J.Jony, Pakkarambil, Ettumanoor P.O, Kottayam District - 686631 has applied for Environmental Clearance for the removal of 30,000 m<sup>3</sup> ordinary earth from an area of 0.46.81 ha of land in Sy.No457/1B7, 458/1, 458/1-2 at VellurVillage, VaikomTaluk, Kottayam District.

The proposal was considered in the 58<sup>th</sup> Meeting of SEAC held on 28<sup>th</sup> & 29<sup>th</sup> June 2016 as agenda item no.58.28. The Committee appraised the proposal based on the details provided by the applicant and decided to recommend for issuance of Environmental Clearance for removal of 8000 m<sup>3</sup> of ordinary earth subject to the condition that removal should be in terraced manner limiting maximum depth of removal to 2m.



SEIAA in its 57<sup>th</sup> meeting held on 26/8/2016 approved for issuance of Environmental Clearance on usual conditions for mining of ordinary earth as stipulated in O.M No. L.11011/47/2011-IA.II(M) dated 24-6-2013 of the Ministry of Environment & Forests for removal of 8000 m<sup>3</sup> of ordinary earth subject to the condition that removal should be in terraced manner limiting maximum depth of removal to 2m.

Shri.P.J.Jony, Pakkarambil House, Ettumanoor P.O, Kottayam submitted a representation to SEIAA to extend the validity period of EC No.1031/SEIAA/EC4/219/2016 dt.30.09.2016 issued for the removal of OE. In the 64<sup>th</sup> meeting of SEIAA held on 23.02.2017 it was decided that no new application for extension of time will be accepted by SEIAA and all such applications will be transferred to the concerned DEIAA for consideration. The present case was considered as a special case because of the court order. So it was placed in the 67<sup>th</sup> meeting of SEIAA held on 28/4/2017. The Hon'ble High Court vide judgment dt.11.04.2017 in the W.P(C) No.13072/2017 filed by the proponent directed the 1<sup>st</sup> respondent (member Secretary, SEIAA) to consider and pass orders on the application submitted by the proponent within 3 months after hearing the petitioner. The Judgment dated 11/4/2017 was received in SEIAA office on 11/5/2017. The three months time limit will expire on 10/8/2017.

The Authority decided to hear the petitioner in the next SEIAA meeting scheduled to be held on 16<sup>th</sup> June 2017.

**ii) Judgment dated 16/2/2017 in WP(C) 3399/2017 filed by Paristhithi Samrakshna Janakeeya Samithi – Contempt of Court Case No .691/2017 (file No.843/SEIAA/EC3/2805/15)**

With reference to the court direction the Authority examined the matter in detail and decided to inform SEAC to conduct a site inspection to verify whether there is suppression of relevant facts as alleged by the petitioner and to submit the report within 10 days so as to consider the matter by SEIAA at the earliest. This decision is to be conveyed to the Hon'ble High Court.

**iii) Judgment dated 16/2/2017 in WP(C) 5016/2017 filed by Shri.Bijo Jose – Contempt of Court Case No .687/2017**

The Authority decided to hear the petitioner during field visit to be conducted by SEAC and to inform the Hon'ble High Court. It was decided to intimate the date of inspection to the petitioner so as to enable him to air his grievance. It was decided to furnish the details of application for EC to the petitioner received under RTI Act as soon as the prescribed fee is remitted.

**iv) Puliyanikal Granites – Order of Hon'ble High Court- Report submitted**

M/s Puliyananickal Granites applied for obtaining environmental clearance on 25-09-2012 for the proposed quarry project at Velliyamattam Village, Kudayathoor Panchayath,



Thodupuzha Taluk, Idukki District, Kerala. The actual effective date of receipt of application with all requisite documents and required clarifications is 24-12-2012.

As per the Order No.44/SEIAA/KL/7164 dated, 22/2/2013, Environmental Clearance was granted for the quarry project M/s Puliyanikal Granites is Sy.No.146/2 of Velliyamattom village, Kudayathur, Idukki, on the basis of the recommendation of SEAC held on 9/1/2013 and the 14<sup>th</sup> meeting of SEIAA held on 22/1/2013.

The project proponent had filed WP(C) 12018/16 seeking police protection for his life and his workers and to conduct quarrying operations and to transport the blasted rocks to other places. The Hon'ble High Court of Kerala has directed the Member Secretary, SEIAA to depute a team of officers to inspect the site and to submit report before the court before 22/5/2017 as to whether having regard to the location and lie of the land, quarrying activity can be permitted therein. Accordingly, a sub committee consisting of Dr.K.G.Padmakumar, Dr.Oommen V.Oommen, Shri.John Mathai and Dr.George Chackachery visited the site and submitted report .

The sub committee had recommended to prohibit all quarrying operations in the area considering the ecological sensitivity of the area. Hence a report has been submitted to the Hon'ble High Court, based on the subcommittee report vide Letter No.44/KL/7164/2012/SEIAA dt.20.05.2017

### **General Item**

1) **Environmental Clearance –Granite Building Stone –Chadayamangalam  
(File No 752/SEIAA/KL/301/2015).**

Sri.Shaji.S, Thekkuvilamelathil, Kudavattoor (P.O), Kottarakkara (Taluk), Kollam vide his application dated 24/01/2015, has sought Environmental Clearance under EIA Notification, 2006 for the granite building stone open cast quarry is proposed by Shah Quarry in Sy. No. 328/2-1, 2-2, 3,6, 326/1-2,1-1,2, 325/2,4,5, 301/34,37 at Chadayamangalam village, Kottarakkara (Taluk), Kollam district, Kerala for an area of 4.6725 Hectares. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18<sup>th</sup> May 2012 of Ministry of Environment and Forests.

The proposal was placed before 53<sup>rd</sup> SEAC for appraisal. The Committee appraised the proposal in the light of the field inspection report. The site inspection has been completed on 13.01.2016 by the subcommittee comprised of Dr. K. Harikrishnan and Sri. John Mathai. The Proponent with his representatives were present at the site at the time of site visit.

*“The project is an active quarry located near Kuriyode on the MC road. This quarry lease area of 4.6725 ha falling partly in own land and partly in government land occupy the elevated part of a gently undulating area. Boundary pillars are erected and numbered displaying GPS values. The rock type is a mixture of gneiss and charnockite. The removed OB from the existing quarry is*

*stocked at convenient places based on the place of excavation. RWH structures are not seen. A seasonal stream is seen by the side of the quarry land with both flanks owned by the proponent. Rubber is the dominant landuse. Floral and faunal biodiversity is not observed as the area is cleared for rubber. Dwelling units are seen in the immediate vicinity but beyond 100 m. Two buildings within 100 m are used as office and other facilities for workers. The documents regarding NOC for Govt land has not been verified.*

*Based on an overall evaluation of the site, the quarry operations may be recommended with following conditions:*

- 1. Fencing should be provided all around the lease area.*
- 2. Top soil and Over burden should be stored in a designated place on the lower slope away from the working area and provided with protective support walls.*
- 3. Ultimate depth of mine must be limited to the stream bed level seen in the vicinity.*
- 4. The seasonal stream should be provided with protective embankments to prevent entry of quarry waste. It should also be provided with low level check dams at least at two places to arrest silt being washed down stream. Periodic desiltation is essential.*
- 5. The approach road is narrow and presently not maintained for movement of heavy vehicles. This should be taken up on priority basis.*
- 6. The CSR activity need revision”.*

It was found that there is a case of violation. It was decided to recommend for issuance of EC after completing action against violation subject to the following specific conditions in addition to general conditions applicable for mining proposals.

1. Fencing should be provided all around the lease area.
2. Top soil and Over burden should be stored in a designated place on the lower slope away from the working area and provided with protective support walls.
3. Ultimate depth of mine must be limited to the stream bed level seen in the vicinity.
4. The seasonal stream should be provided with protective embankments to prevent entry of quarry waste. It should also be provided with low level check dams at least at two places to arrest silt being washed down stream. Periodic desiltation is essential.
5. The approach road is narrow and presently not maintained for movement of heavy vehicles. This should be taken up on priority basis.
6. CSR activity must be submitted before the Authority.

The 52<sup>nd</sup> meeting of SEIAA held on 29<sup>th</sup> April 2016 decided to accept the recommendations of SEAC except that on violation proceedings vide Hon’ble Supreme Court Order to maintain status quo as on 30.10.2015 and to grant E.C subject to production of revised CSR undertakings, and the above specific conditions in addition to the general conditions. As per the recommendation of SEIAA EC was granted on 1/6/2016 as EC No.83/2016.

A letter has been received on 21/3/2017 from the Sub Collector Kollam against the Environmental clearance for the quarry project in Sy. No. 328/2-1, 2-2, 3,6, 326/1-2,1-1,2, 325/2,4,5, 301/34,37 Chadayamangalam village, Kottarakkara (Taluk), Kollam district, Kerala by Sri.Shaji S., M/s Shah Quarry (**File No 752/SEIAA/KL/301/2015**). It is reported that a joint inspection conducted by the Sub Collector Kollam and the ASP Punalur in the quarry site on 28.02.2017 found that the quarry owner has totally violated the condition stipulated in para (3) of the Environmental Clearance.

The violations are mentioned below:-

- i) Fencing is not seen done around the lease area and the quarrying pit which may leads to loss of life to both human beings and animals.
- ii) According to the Environmental Clearance, top soil can only be removed and shall be used for refilling the quarrying pit and for plantation. In this case, soil is seen used for making paths way to the quarry.
- iii) Water sprinkling system is not seen installed for arresting dust particles which may leads to air pollution. It is also to report that the licensee has neither kept the records and accounts of explosives nor the stock register, due to which the police authorities have locked the magazine for further verification.

The Authority decided to give a hearing to the proponent in the next SEIAA meeting scheduled to be held on 16<sup>th</sup> June 2017 to know his views about the allegation made.

**2) Engagement of Auditor for Statutory Audit of Accounts 2016-17  
Quotations Called for – proposal Sanctioned M/s.GSPU & Associates –  
Thiruvananthapuram – Sanctioned –request – reg**

State Environment Impact Assessment Authority have called for quotations in the meeting held on 7<sup>th</sup> April 2017 from three audit firms namely M/s JVS Associates, M/s GSPU& Associates and M/s.Maheswari and Co for their lowest rate and only one firm, M/s GSPU & Associates have given their willingness to carry out audit works including the Data Entry of our transactions into the computer. When the quotation received was opened, it was found that GSPU& Associates quoted an amount of Rs.40,000/- for audit works & Rs.40,000/- for data entries accounts for internal statutory/audit of Accounts for 2016-17. The other two firms have not responded so far.

Since the annual accounts of 2016-17 need to be reconciled with the Accountant General (A&E) by the first week of June 2017, the propriety and accuracy of accounts is to be ascertained urgently. Hence the amount quoted by M/s GSPU & Associates was considered and decided to entrust the Accountant to negotiate with the firm to reduce the amount from 80,000/- to the lowest possible rate.

**3) Monitoring and Review of DEIAA/DEAC, SEIAA being a nodal agency**

As per the Notification No.SO 141(E) dated.15-01-2016 by MoEF & CC, Govt.of India., District Environment Impact Assessment Authority (DEIAA) & District Expert

Appraisal Committee (DEAC) were constituted. In the said notification, SEIAA of the concerned state is appointed as the Nodal agency for DEIAAs.

In view of the said provision in the said notification, SEIAA, Kerala is entrusted with the responsibility as the Nodal agency for all DEIAA's in the State. The regular monitoring of DEIAAs, updation of latest norms and regulations on environment protection and such matters are to be conveyed time to time by the SEIAA, Kerala to DEIAAs. Random verification & review of the Environmental Clearances issued by DEIAAs & SEIAA in the State is to be done by SEIAA so as to ensure an environmental friendly mining and optimal use of natural resources. This will ensure unwanted litigation and to correct the omissions of EC orders issued by DEIAAs and build up confidence among the public on such mining activities.

Authority decided to

1. Inform DEIAA/DEAC to forward a copy of the EC orders issued, to SEIAA along with the copy to MoEF.
2. Inform SEAC to constitute a team of experts to visit a minimum of 5% of the quarries/buildings to whom ECs have been issued in order to ascertain whether there is any violation of EC conditions and report to SEIAA for action.
3. SEIAA was authorised to ascertain whether there is violation of EC conditions and concealment of facts by Project proponents by visiting atleast 1% of the EC issued.
4. It was also decided to publish the report in the website.

Sd/-  
**Dr.K.P.Joy**  
**Chairman**

Sd/-  
**Dr.J.Subhashini**  
**Member**

Sd/-  
**Shri.James Varghese I.A.S**  
**Member Secretary**