

**MINUTES OF THE 110th MEETING OF THE STATE LEVEL
ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)
KERALA, HELD ON 29th & 30th JUNE 2021 THROUGH VIDEO
CONFERENCING.**

Present:

- 1. Dr.H.NageshPrabhu IFS (Retd), Chairman, SEIAA, Kerala**
- 2. Dr.V.Venu IAS**
Member Secretary, SEIAA
- 3. Dr.Jayachandran.K, Member, SEIAA**

PARIVESH FILES

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

Item No.01 **Environmental Clearance for the building stone quarry project in Survey Nos. 104/16, 105/1, 104/19, 104/18, 104/20 of Venganellur Village, Thalappilly Taluk, Thrissur District, Kerala for an area of 4.9500 Ha. by Sri. Jacob Mathew, Managing Director, M/s Mangalath Granites Kerala Pvt. Ltd., (SIA/KL/MIN/128906/2019) (1524/EC2/2019/ SEIAA)**

Sri.Jacob Mathew Managing Director, M/s Mangalath Granites Kerala Private Limited, Venganellur P.O., Chelakara , Thrissur, Kerala submitted online application for Environmental Clearance on 03.12.2019 for the building stone quarry project in Survey Nos. 104/16, 105/1, 104/19, 104/18, 104/20 of Venganellur Village, Thalappilly Taluk, Thrissur District, Kerala for an area of 4.9500 hectares. The quarry was in operation with mine lease that expired on 19.06.2017. Currently there is no mining activities at site.

The Proposal was placed in the 108th meeting of SEAC held on 13th& 14th January 2020. The Committee directed the proponent to submit certain documents/details:

The Proposal was placed in the 111th meeting of SEAC held on 02nd to 04th June 2020. The Committee decided to invite the Proponent for presentation. The proposal was placed in the 113th meeting of SEAC held on 15 to 17th September 2020. The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit certain documents/details. .A field inspection was also carried out on 14th October 2020 by a team of experts of SEAC and certain observations were made by the team.

The Proposal was placed in the 115th meeting of SEAC held on 03rd to 05th November 2020. The Committee discussed and approved the field inspection report. The Committee also decided to direct the proponent to submit certain additional documents/details. The Proposal was placed in the 117th meeting of SEAC held on 28th 30th December 2020. The Committee scrutinised the additional documents/details submitted by the proponent. Though the processing at the SEAC level has been completed, as per the judgment of the Hon'ble High Court of Kerala dt.21.12.2020, the Committee decided to await the NGT order on the minimum distance criteria.

The Proposal was again placed in the 121st meeting of SEAC held on 22nd, 23rd & 27th April 2021. The Committee scrutinized the additional details submitted by the proponent. The Committee decided to recommend the issuance of EC with the specific condition that the commitment made through affidavit is strictly followed.

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 SEAC had recommend to issue EC subject to certain conditions.

Authority decided to issue EC initially for a period 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. 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 District Collector. 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.

- 3. Considering the seriousness of COVID Pandemic in the state, the project Proponent shall carry out certain activities under Corporate Environmental responsibility (CER) leading to creation of temporary Covid care facilities and other related activities connected with managing the Covid pandemic in the state. This will be done in consultation with local self-governments and as per an action plan approved by District Collector and SEAC. The indicated cost for this purpose will be 50% of the CER cost estimated as above. The EMP may be modified to accommodate these activities in consultation with SEAC. The activities so implemented shall be shown in the half yearly completion report. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- 4. 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.*
- 5. 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 Honourable 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.*
- 6. The commitments made to SEAC during appraisal, through affidavits should be strictly followed.*
- 7. The EC period will be further extended to cover the project life as estimated by SEAC after a field inspection by SEAC to ensure that the Project Proponent has followed all EC conditions and there is no violation of any Act, Rules and Regulation applicable for quarrying.*
- 8. The proponent shall carry out the final quarry closure activities as proposed by Department of Mining and Geology at the site where he carried out quarrying operations from 2007 to 2017. Activities relating progressive and final closure of quarry at the present project site shall be carried out as per approved Mining Plan*

which will be reviewed at regular intervals. The non-compliance of the same may lead to cancellation of Environmental Clearance.

Item No.02 Environmental Clearance for the mining of ordinary earth in Re survey no.36/10 in Velom village, Vadakara Taluk, Kozhikode District, Kerala from an area of 0.0876 ha of land by Smt.Nafeesa (SIA/KL/MIN/132197/2019) {1735/EC4/2019/SEIAA}

Smt.Nafeesa, D/o Kunhabdulla, Thazhe Nellarath House Ayancheri P.O, Kozhikode District, Kerala State-673 541 vide application dated 19/12/2019 has sought environmental clearance for the mining of ordinary earth project at Re. Sy No.36/10 in Velom Village,Vadakara Taluk, Kozhikode District, Kerala from an area of 0.0876 ha.

The proposal was placed in the 117th meeting of SEAC held on 28th,29th& 30th December 2020. A field inspection was also carried out on 20th January 2021 by a team of experts of SEAC and certain observations were made by the team.

Authority noted the action taken by SEAC in its 119th meeting held on 23rd,24th& 25th February 2021and the decision of SEIAA in its 108th meeting held on 22nd & 23rd March 2021.

The proposal was placed in the 121st meeting of SEAC held on 22nd, 23rd& 27th April 2021.SEAC took note of the observations made by SEIAA in its 108thmeeting and SEAC decided to recommend the issuance of EC subject to certain specific conditions.

Authority decided to issue EC for one year from the date of issue of permit from the Department of Mining & Geology for a quantity mentioned in the approved Mining Plan subject to the following specific conditions in addition to 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. Ensure proper maintenance of existing storm water drainages in the project area.*

3. *Provide additional drainage facility to prevent stagnation of water during incidences of very high rainfall.*
4. *The excavated soil shall not be used for filling the paddy fields or wetlands.*
5. *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 District Collector. 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*
6. *Considering the seriousness of COVID Pandemic in the state, the project Proponent shall carry out certain activities under Corporate Environmental responsibility (CER) leading to creation of temporary Covid care facilities and other related activities connected with managing the Covid pandemic in the state. This will be done in consultation with local self-governments and as per an action plan approved by District Collector and SEAC. The indicated cost for this purpose will be 50% of the CER cost estimated as above. The EMP may be modified to accommodate these activities in consultation with SEAC. The activities so implemented shall be shown in the half yearly completion report. . 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 Honourable 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.*

Item No.03

Environmental Clearance for the mining of ordinary earth in Re survey no.36/10 in Velom village, Vadakara Taluk, Kozhikode District, Kerala from an area of 0.1064 ha of land by Smt.Nafeesa (SIA/KL/MIN/132416/2019) {1691/EC4/2019/SEIAA}

Smt.Nafeesa, D/o Kunhabdulla, Thazhe Nellarath House Ayancheri P.O, Kozhikode District, Kerala State-673 541 vide application dated 19/12/2019 has sought environmental clearance for the mining of ordinary earth project at Re. Sy No.36/10 in Velom Village,Vadakara Taluk, Kozhikode District, Kerala from an area of 0.1064 ha.

The proposal was placed in the 115th meeting of SEAC held on 03rd,04th& 05th November 2020.The Committee decided to invite the proponent for presentation along with certain documents/details. The proposal was placed in the 116th meeting of SEAC held on 02nd,03rd& 07th December 2020.The Committee decided to deferred for next meeting.

The proposal was placed in the 117th meeting of SEAC held on 28th, 29th& 30th December 2020. The proponent and consultant were present. The consultant made the presentation. A field inspection was also carried out on 20th January 2021 by a team of experts of SEAC and certain observations were made by the team.

Authority noted the action taken by SEAC in its 119thmeeting held on 23rd, 24th& 25th February 2021 and the decision of SEIAA in its 108th meeting of SEIAA held on 22nd& 23rd March 2021

The proposal was placed in the 121st meeting of SEAC held on 22nd, 23rd& 27th April 2021.SEAC took note of the observations made by SEIAA in its108th meeting and Committee recommend to issue EC subject to the following specific conditions:

Authority decided to issue EC for one year from the date of issue of permit from the Department of Mining & Geology for a quantity mentioned in the approved Mining Plan subject to the following specific conditions in addition to 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. Ensure proper maintenance of existing storm water drainages in the project area.*

3. *Provide additional drainage facility to prevent stagnation of water during incidences of very high rainfall.*
4. *The excavated soil shall not be used for filling the paddy fields or wetlands.*
5. *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 District Collector. 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*
6. *Considering the seriousness of COVID Pandemic in the state, the project Proponent shall carry out certain activities under Corporate Environmental responsibility (CER) leading to creation of temporary Covid care facilities and other related activities connected with managing the Covid pandemic in the state. This will be done in consultation with local self-governments and as per an action plan approved by District Collector and SEAC. The indicated cost for this purpose will be 50% of the CER cost estimated as above. The EMP may be modified to accommodate these activities in consultation with SEAC. The activities so implemented shall be shown in the half yearly completion report. . 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 Honourable 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.*

Item No.04 **Environmental Clearance for the mining of ordinary earth in Re survey no.36/9 in Velom village, Vadakara Taluk, Kozhikode District, Kerala from an area of 0.7928 ha of land by Sri.Nizar (SIA/KL/MIN/132450/2019) {1624/EC4/2019/SEIAA}**

Sri.Nizar, S/o Kunhabdulla, Thazhe Nellarath House Ayancheri P.O, Kozhikode District, Kerala State-673 541 vide application dated 19/12/2019 has sought environmental clearance for the mining of ordinary earth project at Re. Sy No.36/9 in Velom Village,Vadakara Taluk, Kozhikode District, Kerala from an area of 0.7928 ha.

The proposal was placed in the 117th meeting of SEAC held on 28th,29th& 30th December 2020. A field inspection was also carried out on 20th January 2021 by a team of experts of SEAC and certain observations were made by the team.

Authority noted the action taken by SEAC in its 119th meeting held on 23rd,24th& 25th February 2021 and the decision of SEIAA in its 108th meeting of SEIAA held on 22nd& 23rd March 2021.

The proposal was placed in the 121st meeting of SEAC held on 22nd,23rd& 27th April 2021.SEAC took note of the observations made by SEIAA in its 108th meeting and Committee recommend to issue EC subject to the following specific conditions:

Authority decided to issue EC for one year from the date of issue of permit from the Department of Mining & Geology for a quantity mentioned in the approved Mining Plan subject to the following specific conditions in addition to 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. Ensure proper maintenance of existing storm water drainages in the project area.*
- 3. Provide additional drainage facility to prevent stagnation of water during incidences of very high rainfall.*
- 4. The excavated soil shall not be used for filling the paddy fields or wetlands.*
- 5. 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 District Collector. 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

- 6. Considering the seriousness of COVID Pandemic in the state, the project Proponent shall carry out certain activities under Corporate Environmental responsibility (CER) leading to creation of temporary Covid care facilities and other related activities connected with managing the Covid pandemic in the state. This will be done in consultation with local self-governments and as per an action plan approved by District Collector and SEAC. The indicated cost for this purpose will be 50% of the CER cost estimated as above. The EMP may be modified to accommodate these activities in consultation with SEAC. The activities so implemented shall be shown in the half yearly completion report. . 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 Honourable 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.*

Item No.05 **Environmental Clearance for Laterite building stone quarry project in Sy No 2/3 in Potta Village, Chalakkudi Taluk, Thrissur District, Kerala for an area of 0.0904 Ha by Sri.Harshan (SIA/KL/MIN/134531/2020) (1836/EC6/2020/ SEIAA)**

Sri.Harshan, Thumbharathi House, Potta P.O, Chalakkudi Thrissur -680722 submitted online application for Environmental Clearance on 02.01.2020 for Laterite Building Stone Quarry project in Survey No-2/3 , in Potta Village, Chalakudy Taluk, Thrissur District, Kerala for an area of 0.0904 Ha. The total production capacity is 2,373 Tonnes/Annum.

The Proposal was placed in the 121st meeting of SEAC held on 22nd, 23rd & 27th April 2021. The Committee scrutinized the proposal submitted by the proponent and decided to reject the proposal for non-compliance of the existing minimum distance criteria.

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

Item No.06 Environmental Clearance for the proposed granite building stone quarry project at Re. Sy No.7/1 in Puthur Village, Thalassery Taluk, Kannur District, Kerala over an area of 1.7733 Ha. (SIA/KL/MIN/137709/2020) {1650/EC4/2020/SEIAA}

Mr.Thayyullathil Chambolan Sreedharan, TC-Nivas, Cheruparamba, Via-Thuvakkunnu, Kannur-670693 vide application dated 22/01/2020 has sought environmental clearance for the proposed building stone quarry project at Re. Sy No.7/1 in Puthur Village, Thalassery Taluk, Kannur District, Kerala over an area of 1.7733 Ha.

The proposal was placed in the 115th SEAC meeting held on 03rd, 04th and 05th November 2020. The Committee decided to invite the proponent for presentation along with certain documents/details. The proponent submitted documents online on 05.12.2020

The proposal was placed in the 117th meeting of SEAC held on 28th, 29th and 30th December 2020. The Project Proponent made a presentation. A field inspection was also carried out on 12th February 2021 by a team of experts of SEAC and certain observations were made by the team.

The proposal was placed in the 119th meeting of SEAC held on 23rd, 24th and 25th February 2021. The field inspection report was discussed and approved. The proponent was directed to submit certain additional details/documents. The proponent submitted the same online on 18.03.2021.

The proposal was placed in the 120th meeting of SEAC held on 24th, 25th and 26th March 2021. The Committee scrutinized the additional details submitted by the proponent. The Committee decided to direct the proponent to submit certain additional documents /details. *The proponent submitted the documents online on 17.04.2021.*

The proposal was placed in the 121st meeting of SEAC held on 22nd, 23rd and 27th April 2021. The Committee scrutinized the additional details submitted by the proponent. The Committee decided to recommend the issuance of EC for the Project Life of 10 years subject to the following specific conditions:

- a. Retaining wall of height 2m should be provided for the dumping site
- b. The garland drain and outflow channel should be provided with intermittent silt traps and it should be maintained periodically by removing the obstructions and silt deposits, if any.
- c. The transportation of mined material should be prevented during the peak hours in the forenoon and afternoon.
- d. Sprinkling of water should be done on the unsurfaced road prior to each truck movement.

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 SEAC had recommend to issue EC subject to certain conditions.

Authority decided to issue EC initially for a period 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. *Retaining wall of height 2m should be provided for the dumping site*
3. *The garland drain and outflow channel should be provided with intermittent silt traps and it should be maintained periodically by removing the obstructions and silt deposits, if any.*
4. *The transportation of mined material should be prevented during the peak hours in the forenoon and afternoon.*
5. *Sprinkling of water should be done on the unsurfaced road prior to each truck movement.*

6. *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 District Collector. 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*
7. *Considering the seriousness of COVID Pandemic in the state, the project Proponent shall carry out certain activities under Corporate Environmental responsibility (CER) leading to creation of temporary Covid care facilities and other related activities connected with managing the Covid pandemic in the state. This will be done in consultation with local self-governments and as per an action plan approved by District Collector and SEAC. The indicated cost for this purpose will be 50% of the CER cost estimated as above. The EMP may be modified to accommodate these activities in consultation with SEAC. The activities so implemented shall be shown in the half yearly completion report. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support*
8. *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.*
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 Honourable 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 EC period will be further extended to cover the project life as estimated by SEAC after a field inspection by SEAC to ensure that the Project Proponent has followed all EC conditions and there is no violation of any Act, Rules and Regulation applicable for quarrying.
11. Authority noticed that there is one more quarry functioning in the locality within 500 mts from the project site, leading to a cluster situation. Hence as per EIA notification 2006, an Environment Management Plan has to be prepared to treat the entire area in the cluster, within 6 months by the Project Proponent to the satisfaction of SEAC and both the quarry owners should carry out the activities proposed in the EMP for treating the entire area as one unit, to ensure the environmental stability in the project locality. The cost involved in the preparation of EMP and its implementation of activities shall be shared by both the quarry owners in the cluster. The compliance of the same shall be reported in the half yearly report which will be monitored by SEAC at regular intervals.

Item No.07 **Environmental Clearance for the proposed granite building stone quarry project at Re. Sy Block No.2 Re Survey 114pt, of Chekkyad Village, Vadakara Taluk, Kozhikode District, Kerala over an area of 3.8680 Ha. (SIA/KL/MIN/140734/2020) {1429/EC3/2019/SEIAA}**

Mr.Kunhiraman M.P, S/o Chathu, Arayakkandy House, Muliylkada, Thiruvangad P.O, Kannur-670103 vide application dated 05/02/2020 has sought environmental clearance for the proposed building stone quarry project at Re. Sy Block No.2, Re Survey No.114 pt, in Chekkyad Village, Vadakara Taluk, Kozhikode District, Kerala over an area of 3.8680Ha.

The proposal was placed in the 115th SEAC meeting held on 03rd, 04th and 05th November 2020. The Committee decided to invite the proponent for presentation along with certain documents/details. The proponent submitted documents online on 14.01.2021

The proposal was placed in the 118th meeting of SEAC held on 01st, 02nd & 03rd February 2021. The Committee scrutinized the additional documents/details submitted by the proponent and decided to invite the proponent for presentation. The proposal was placed in the 119th meeting of SEAC held on 23rd, 24th & 25th February 2021. The proponent and RQP were present. The RQP made the presentation. A field inspection was also carried out on 11th April 2021 by a team of experts of SEAC and certain observations were made by the team.

The proposal was placed in the 121st meeting of SEAC held on 22nd, 23rd and 27th April 2021. The Committee discussed and accepted the Field Inspection Report and decided to reject the proposal for the following reasons:

- 1) A high hazard zone is situated on north-east, eastern part of the proposed project area which is at higher elevation than the project area
- 2) Part of the project area falls in medium hazard zone and high hazard zone is about 20m. East of BP2.
- 3) General slope is high and the same is 40° along section A-A1
- 4) There is a big boulder on the southern side of BP 1 breaking of which may pose serious environmental problems.
- 5) Removal of top soil and trees in the project area especially near BP 1 and BP2 may affect the area already under high hazard zone and may cause land slide.
- 6) Even though the area on the southern side is uninhabited, mining in the proposed project area may cause land slide and adversely affect the environmental system of the area.

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

Item No.08 Environmental Clearance for Laterite building stone quarry project in Re - Survey No.166/15, 157/7-260, 166/14, 166/17 in Kuruva Village, Perinthalmanna Taluk, Malappuram District, Kerala for an extent of 0.7598Ha by Sri.Muhammed Shafi C. T. (SIA/KL/MIN/141204/2020) (1802/EC6/2020/ SEIAA)

Sri.Muhammed Shafi C. T., Chakkingathodi House, Pang South P. O, Kulathoor Via, Malappuram District Kerala- 679 338 submitted online application for Environmental Clearance on 06.02.2020 for Laterite Building Stone Quarry project in Re - Survey No.166/15, 157/7-260, 166/14, 166/17 in Kuruva Village, Perinthalmanna Taluk, Malappuram District, Kerala for an extent of 0.7598Ha. The total production capacity is 59834 MT. The project cost is Rs.48 lakh.

The Proposal was placed in the 121st meeting of SEAC held on 22nd, 23rd & 27th April 2021. The Committee scrutinized the proposal submitted by the proponent and decided to reject the proposal for non-compliance of the existing minimum distance criteria.

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

Item No.09 Environmental Clearance for the proposed granite building stone quarry project at Re. Sy No.93 in Raroth Village, Thamarassery Taluk, Kozhikode District, Kerala over an area of 2.0040 Ha. (SIA/KL/MIN/143722/2020) {1328/EC1/2019/SEIAA}

Mr.Aby Joy Pottas, Managing Partner,M/s Sion Exim Corp,(Registration No.4762/2017) T.P 7/940,Pandialackal Shopping Complex, Thamarassery P.O,Kozhikode-673573 vide application dated 18/02/2020 has sought environmental clearance for the proposed building stone quarry project at Re. Sy No.93 in Raroth Village, Thamarassery Taluk, Kozhikode District, Kerala over an area of 2.0040 Ha.

The proposal was placed in the 115th SEAC meeting held on 03rd,04th and 05th November 2020. The Committee decided to invite the proponent for presentation along with certain documents/details. The proponent submitted documents online on 27.11.2020

The proposal was placed in the 117th meeting of SEAC held on 28th,29th and 30th December 2020. The proponent and consultant were present. The consultant made the presentation. A field inspection was also carried out on 20th January 2021 by a team of experts of SEAC and certain observations were made by the team.

The proposal was placed in the 119th meeting of SEAC held on 23rd,24th and 25th February 2021. The Committee discussed and accepted the Field Inspection Report and decided to direct the proponent to submit certain documents/details. *The proponent has submitted the documents online on 17.03.2021.*

The proposal was placed in the 121st meeting of SEAC held on 22nd,23rd and 27th April 2021.The Committee scrutinized the additional details submitted by the proponent. The Committee decided to recommend the issuance of EC subject to certain specific condition in addition to the general conditions.

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 SEAC had recommend to issue EC subject to certain conditions.

Authority decided to issue EC initially for a period 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. As per the survey map certified by the village officer no residential building/house is situated within 200 mts radius of the proposed lease boundary. As directed by SEAC Proponent should give a Sworn in affidavit to the effect that an unoccupied house within 20 meter will be demolished & proof submitted. The Project Proponent shall ensure that no quarrying operation is carried out within 200 mts distance of any residential building.*
- 3. As per OM no F.No.22-65/2017-IA.III dated 30th September2020, 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 District Collector. 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.*
- 4. Considering the seriousness of COVID Pandemic in the state, the project Proponent shall carry out certain activities under Corporate Environmental responsibility (CER) leading to creation of temporary Covid care facilities and other related activities connected with managing the Covid pandemic in the state. This will be done in consultation with local self-governments and as per an action plan approved by District Collector and SEAC. The indicated cost for this purpose will be 50% of*

the CER cost estimated as above. The EMP may be modified to accommodate these activities in consultation with SEAC. The activities so implemented shall be shown in the half yearly completion report. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support

- 5. The EC period will be further extended to cover the project life as estimated by SEAC after a field inspection by SEAC to ensure that the Project Proponent has followed all EC conditions and there is no violation of any Act, Rules and Regulation applicable for quarrying.*
- 6. 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.*
- 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 Honourable 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. Activities relating progressive and final closure of quarry shall be carried out as per approved Mining Plan which will be reviewed at regular intervals. The noncompliance of the same may lead to cancellation of Environmental Clearance.*
- 9. SEAC field report states that there is an abandoned quarry next to the present quarry site which is deep and without any safeguards. If this quarry site belongs to the Project Proponent he shall take steps for the final closure of the site as directed by Department of Mining and Geology while issuing lease permit. If the site does not belong to him he should inform the District Collector providing the details of the concerned Project Proponent so that District collector will take appropriate punitive steps for non-closure of the quarry and action for closure of the quarry to avoid the mishaps if any.*

Item No.10

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Re-Survey No. 7/2 of Koppam Village, Pattambi

**Taluk, Palakkad District, Kerala (SIA/KL/MIN/46290/2019,
1493/EC1/2019/SEIAA)**

Shri.Sameer Ali, Chakkingathodi House, Oorakam.P.O., Karathode, Malappuram-676519, submitted application for Environmental Clearance via PARIVESH on 12.11.2019 for the Proposed Laterite (Building Stone) Quarry in Re-Survey No. 7/2 of Koppam Village, Pattambi Taluk, Palakkad District, Kerala for an extent of 0.3500 ha under B2 category.

The proposal was placed in the 113th SEAC meeting held on 15th – 17th September 2020. The proponent was present. The RQP made the presentation. The Committee decided to direct the proponent to submit certain additional documents/details. A field inspection was also carried out on 27th October 2021 by a team of experts of SEAC and certain observations were made by the team.

The proposal was placed in the 116th SEAC meeting held on 15th – 17th September 2020. The Committee discussed and accepted the Field Inspection Report. The Committee decided to direct the proponent to submit certain additional documents/details:

The proposal was placed in the 121st SEAC meeting held on 22nd, 23rd and 27th of April, 2021. The Committee scrutinized the additional details submitted by the proponent. The Committee decided to recommend the issuance of EC for two years subject to the specific condition that excavation will be limited to a depth of 3 meters.

Authority decided to issue EC for one year from the date of issue of permit from the Department of Mining & Geology for a quantity mentioned in the approved Mining Plan subject to the following specific conditions in addition to 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. Excavation will be limited to a depth of 3 meters.*
- 3. 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 District Collector. 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

- 4. Considering the seriousness of COVID Pandemic in the state, the project Proponent shall carry out certain activities under Corporate Environmental responsibility (CER) leading to creation of temporary Covid care facilities and other related activities connected with managing the Covid pandemic in the state. This will be done in consultation with local self-governments and as per an action plan approved by District Collector and SEAC. The indicated cost for this purpose will be 50% of the CER cost estimated as above. The EMP may be modified to accommodate these activities in consultation with SEAC. The activities so implemented shall be shown in the half yearly completion report. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- 5. 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 Honourable 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.*

Item No.11

Environmental Clearance for Mining and mineral separation in mineral Block-III of M/s. Kerala Minerals and Metals Ltd. at Panmana & Chavara Villages, Karungapally Taluk, Kollam District, Kerala(SIA/KL/MIN/54836/2019, 1796/EC2/2020/SEIAA)

The Kerala Minerals and Metals Ltd. (A Govt. of Kerala Undertaking) Mineral Separation Unit, Kovilthalam. Chavara, Kollam - 691583. Kerala., has applied for Environmental clearance for Mining and mineral separation of mineral in Block-III over an extent of 88.119 ha. at Panmana & Chavara Villages, Karunagapally Taluk, Kollam District, Kerala. The application was received on 29/09/2020.

The minerals mined are Ilmenite, Rutile, Zircon, Sillimanite and Monazite. These are classified as atomic minerals as per Schedule-I of Mines and Minerals (Development & Regulation) Act, 1957 and concessions/licenses are issued based on Atomic Minerals Concession Rules, 2016.

The proposal includes renewal of mining lease and enhancement of mineral sand production from 2, 50,000 TPA to 7, 50,000 TPA in Block III and physical separation of minerals at Mineral Separation plant (MSP).

The method of mining is semi mechanised inland mining and beach wash collection through scrapping. In beach washing collection, only sand that has been brought in by wave action is collected. The block has cyclonic spiral pre-concentrating plants. The mined material is pre- concentrated at the mining area before transportation to MSP. The separation is through physical process and no chemicals are used. The various activities in the MSP include: Wet mill process, Fluidised bed dryer, Dry mill, Electrostatic precipitators, Magnetic separators, Rutile Recovery Plant, Zircon Sillimanite Plant.

The proposal was placed in the 114th meeting of SEAC, Kerala held on 6th – 8th October 2020. The proponent was invited for presentation. The proposal was placed in the 116th meeting of SEAC Kerala held on 2nd, 3rd and 7th December, 2020. The proponent and consultant were present. The consultant made the presentation. The Committee entrusted Shri.K.Krishna Panicker & Shri.M.Dileep Kumar for the field inspection and decided to direct the proponent to submit the following additional documents/details:

- i) CD of public hearing
- ii) Report of PCB relating to KMML and also Kerala Govt. decision regarding mining by KMML
- iii) A revised plan in place of the afforestation of coastal area with Casuarina

Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- 1) An affidavit ensuring that mining will be done as per approved mining plan only.
- 2) Detailed reply to queries raised by public in the Public hearing held on 25-03-2017.
- 3) Details of Mineral Concentration Unit and its effect on vehicle movement in the mining area.
- 4) Revised damage assessment plan and natural resource augmentation plan with sustainable activities for rejuvenating the land and environment.
- 5) Detailed plan for simultaneous refilling of mined out area.

- 6) A brief note on the site specific R& R programme envisaged for Block III of the mining area.
- 7) Detailed plan for harnessing solar energy to meet power requirement in the Plant and mining area. May also consider providing post type solar yard lighting system in the entire area.
- 8) Plan for developing the eastern side of the 'mined area in to an ecotourism destination. KMML may engage Kudumbashree and BMC to develop a mangrove forest there.
- 9) Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22-65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI
- 10) An affidavit with a specific plan for rain water recharging of local ground water table in the mining area, for ensuring availability of water in the shallow wells in the area.
- 11) An Affidavit for conducting Action Research on 'rejuvenating ground water' in post mine area, preferably by engaging students of nearby Colleges.
- 12) An affidavit showing time line, committing that the existing unfilled mined areas will be refilled and the Sand Dunes of waste sand available in the site, will be flattened, in order to make the land suitable for tree planting and maintaining the normal topography of the area.
- 13) An affidavit and a properly designed afforestation plan with local species of plants, in the mined out area as well in the nearby areas, by selecting suitable additional land in consultation with Grama Panchayat for compensatory afforestation.

The proposal was placed in the 118th meeting of SEAC held on 1st, 2nd&3rd February, 2021 and 120th meeting of SEAC held on 24-26, March, 2021. The Committee decided to Deferred for further scrutiny. The proposal was placed in the 121st meeting of SEAC held on 22nd, 23rd and 27th April, 2021. The Committee scrutinized the following remediation and natural resource augmentation plan submitted by the proponent:

i) Damage Remediation Plan

- a. Air environment :Rs 0.15 Crore
- b. Noise Environment : Rs 0.06 Crore
- c. Land Environment, Ecology, Flora etc : Rs. 14.86 Crore
- d. Hydrogeology : Rs 0.15 Crore

e. Coastal Erosion : Rs 4.00 Crore

Total Rs 19.43 Crore

ii) Natural resource augmentation plan

a. Water Conservation : Rs 0.15 Crore

b. Rehabilitation of Mined land : Rs 3.00 Crore

c. Energy Conservation : Rs 0.30 Crore

Total Rs. 3.45 Crore

iii) Community resource augmentation plan

a. Education Support : Rs 0.25 Crore

b. Medical Support : Rs.0.40 Crore

c. Employment Generation : Rs 0.15 Crore

Total Rs. 0.80 Crore

Grand Total Rs. 23.47 Crore

The Committee decided to accept the remediation and natural resource augmentation plan at a total cost of Rs 23.47 crore. SEAC suggested that implementation of the plan will be monitored by a committee under the chairmanship of the District Officer, Kollam of State Pollution Control Board with representatives of concerned Local Self Governments. Representative of the company will be the convenor of the committee. This committee will meet once in three months and monitor progress of implementation of remediation plan. Proceedings of the committee will be attached to the compliance reports.

On furnishing bank guarantee for Rs 23.47 crores valid for five years to the Kerala State Pollution Control Board, SEAC recommended for environmental clearance with the following special conditions.

- 1) Mining shall be done as per approved mining plan only.
- 2) Time bound action for redressing issues raised by public in the Public hearing held on 25-03- 2017.
- 3) Action for simultaneous refilling of mined out area.
- 4) Action for implementing the site specific R& R programme envisaged for Block III of the mining area.
- 5) Action for harnessing solar energy to meet power requirement in the Plant and mining area.
- 6) Action for developing the eastern side of the 'mined area in to an ecotourism destination by engaging Kudumbashree and BMC, to develop a mangrove forest there.

- 7) Action for ensuring EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22-65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI
- 8) Action for implementing the specific plan proposed for rain water recharging of local ground water table in the mining area, for ensuring availability of water in the shallow wells in the area.
- 9) Action for implementing the specific plan proposed for conducting Action Research on 'rejuvenating ground water' in post mine area, preferably by engaging students of nearby Colleges.
- 10) Action for implementing the specific plan proposed with the time line, committed for the existing unfilled mined areas to be refilled and the Sand Dunes of waste sand available in the site, will be flattened, in order to make the land suitable for tree planting and maintaining the normal topography of the area.
- 11) Action for implementing the afforestation plan with native species of plants / trees like Thespesia and Callophyllum, in the mined out area, as well in the nearby areas, by selecting suitable additional land in consultation with Grama Panchayat for compensatory afforestation.

Authority noticed that:

1. The time limit for lease deed execution had expired on 23rd October 2020. KMML had already approached Government to extend time limit vide their letter no KMML/MS/Mines/37/2020/138 dated 14-08-2020.
2. The validity of mining plan approved by Atomic Minerals Directorate for Exploration and Research, Hyderabad had expired . The EC can be issued only with the approved mining plan.
3. The project site comes under CRZ 1B, III, and IV area of Neendakara- Kayamkulam Belt. KCZMA has recommended the project for CRZ clearance and is valid only up to 24-01-2021.Hence clearance from KCZMA shall be obtained.
4. The ToR for the project was approved by MoEF&CC and in the approved TOR it was clearly mentioned that the project comes under the violation category and hence the

violation proceedings have to be initiated under EIA notification 2006. The steps involved in violation proceedings are as follows

- (a) In case of violation action will be taken against the Project Proponent by the respective State or State Pollution Control Board (SPCB) under the provisions of section 19 of the Environment (Protection) Act, 1986 and further no consent to operate or occupancy certificate will be issued till the project is granted Environmental Clearance. (S.O.804(E) of MoEF&CC dated 14th March 2017)
- (b) State level expert appraisal committee (SEAC) should visit the site and decide whether the project can run sustainably under compliance of environmental norms with adequate safeguards, if so SEAC should prescribe appropriate Terms of Reference for carrying out an Environment Impact Assessment (EIA) Study and for the preparation of Environment Management Plan (EMP). The SEAC shall stipulate implementation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefit derived due to violation as a condition of Environmental Clearance. (S.O.1030 (E) of MoEF&CC dated 8th March 2018)
- (c) The Project Proponent will be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with State Pollution Control Board and the quantification will be recommended by SEAC and finalized by Regulatory Authority. The bank guarantee shall be deposited prior to the grant of EC and will be released after successful implementation of the remediation plan and natural and community resource augmentation plan and after the recommendation by the regional office of MoEF&CC, SEAC and Regulatory Authority. (S.O.1030 (E) of MoEF&CC dated 8th March 2018)

Authority noticed that action has been taken under item no(b) above and the actions

have to be taken under item no (a) &(c) above. Authority decided to inform the KSPCB for taking action under item no (a) above and inform the Project Proponent for necessary follow up action under point no (c) above.

Authority decided to inform the Project Proponent to attend the observations under points 1-4 listed above, so that their project proposal can be considered for prior EC.

CONSIDERATION OF TOR PROPOSALS

Item No.01 **Application for ToR for Common Bio-Medical Waste Treatment Facility at Manthuruthy, Kanjikode West, Palakkad District, Kerala (SIA/KL/MIS/61115/2021 , 1882/EC1/2021/SEIAA**

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Item No.02 **Application for ToR for the granite building stone quarry project at Re-Survey Block No.56, Re-Survey No.382/1-2, 382/2, 383/1, 383/1-1 in Morayur Village, Kondotty Taluk, Malappuram District, Kerala for an extent of 5.0511 Ha (SIA/KL/MIN/45729/2019 , 1516/EC3/2019/SEIAA)**

Authority approved the ToR proposal.

Item No.03 **Application for Environmental Clearance for the Building Stone Quarry project at Kottangal Village & Panchayat, Mallappally Taluk, Pathanamthitta District, Kerala for an area of 9.7699 hectares by Sri.Naveen Philip Mathew, M/sPeegee Aggregates Pvt. Ltd. (SIA/KL/MIN/56114/2020, 1828/MIN/56114/2020)**

Environmental Clearance was issued by SEIAA to the quarry project at Kottangal Village & Panchayat, Mallappally Taluk, Pathanamthitta District, Kerala for an area of 9.7699 hectares by Sri.Naveen Philip Mathew, M/sPeegee Aggregates Pvt. Ltd. vide proceedings dated 10.08.2015. The validity expired on 09.08.2020. The Proponent

submitted online application in PARIVESH for ToR vide Proposal No.SIA/KL/MIN/56114/2020.

The Proponent filed a WP(C) No.15507/2021 dated 02.11.2020 before the Hon'ble High Court, regarding the validity of EC. The physical file (No.244/SEIAA/EC4/974/2014) for revalidation is being processed by SEAC. The proposal was placed in the 118th SEAC meeting held on 1st, 2nd&3rd FEBRUARY, 2021. The proponent and consultant were present. The consultant made the presentation. The Committee directed the proponent to submit certain additional documents. The proposal (SIA/KL/MIN/56114/2020, 1828/EC1/2020/SEIAA) was placed in 121st SEAC meeting held on 1st, 2nd&3rd FEBRUARY, 2021. Since this is considered as a revalidation case in file No.244/SEIAA/EC4/974/2014, the Committee decided to direct the proponent to withdraw the online application in proposal No.SIA/KL/MIN/56114/2020

Authority approved the withdrawal of online application as recommended by SEAC.

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

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

**Sd/-
Dr.Jayachandran.K
Member, SEIAA**