PARIVESH FILES

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

Item No.01

Environmental clearance for removal of ordinary Earth from 0.6313 Ha of property out of total extent 0.7385 Ha in survey no.947/3- A-1-2 in Onakkoor Village, Muvattupuzha Taluk. Kerala (Proposal No: SIA/KL/MIN/126249/ 2019, File No: 1564/EC4/2019/SEIAA)

Shri.Paulose V. K., submitted application on 22/11/2019 for the Environmental clearance for removal of ordinary Earth from 0.6313 Ha of property out of total extent 0.7385 Ha in survey no.947/3- A-1-2 in Onakkoor Village, Muvattupuzha Taluk. Kerala. The excavation of ordinary earth is limited to 24640 MT in the applied area of 0.6313 Ha. Maximum depth of removal of earth should not go beyond 1.99 meter from the general ground level and its should be restricted to 2 meter above from the ground water table. Expected cost of the Project is Rs.10 Lakhs.

The file was placed in the 114th SEAC meeting held on 6th – 8th October 2020. The Committee decided to direct the proponent to submit certain documents/details. The proposal was placed in the 117th SEAC meeting held on 28th, 29th and 30th December, 2020. 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 SEAC meeting held on 23rd - 25th February, 2021. The proponent and RQP were present. The RQP made the presentation. A field inspection was also carried out on 08.04.2021 by a team of experts of SEAC and certain observations were made by the team.

The Proposal was placed in the 121st SEAC meeting held on 22nd, 23rd and 27th of April, 2021. The Committee discussed and accepted the Field Inspection Report and decided to direct the proponent to submit certain documents/details:

The Proposal was placed in the 124th SEAC meeting held on 24 -27, August, 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 mentioned in the affidavit submitted by the proponent.

1) Provide 2m buffer zone on all sides

Green belt development in buffer zone

Authority noticed that the SEAC had appraised the proposal based on Form I, Prefeasibility 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 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. Provide 2m buffer zone on all sides
- 3. Green belt development in buffer zone
- 4. The excavated soil shall not be used for filling the paddy fields or wetlands.
- 5. The Proponent should obtain consent from the house owner that he has no objection to mine the O.E.
- 6. 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
- 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.02

Environmental Clearance for the Granite Building Stone Quarry in Survey Nos. 47/1 in Venganellur Village, Thalappilly Taluk, Thrissur District, Kerala for an extent of 0.9990 Ha by Sri.Sanju Muhammed, M/s Vallom Infrastructure & Developers Pvt.Ltd (Proposal No.SIA/KL/MIN/129749/2019, File No.1553/EC2/2019/SEIAA)

Mr. Sanju Muhammed, Director, Vallom Infrastructure and Developers Pvt. Ltd, Injakkudy, Chelamattom, Okkal P.O, Perumbavoor, Ernakulam submitted application in SEIAA through PARIVESH on 05.12.2019 for Environmental Clearance for the Granite Building Stone Quarry in Survey Nos. 47/1 in Venganellur Village, Thalappilly Taluk, Thrissur District, Kerala for an extent of 0.9990 Ha.

The Proposal was placed in the 115th meeting of SEAC held on 03rd to 05th November 2020. The Committee scrutinised the ADS by the proponent and decided to direct to submit certain documents/details.

The proposal was placed in the 118th meeting of SEAC held on 01st to 03rd February 2021. The Committee decided to invite the proponent for presentation.

The proposal was placed in the 120th meeting of SEAC held on 24th to 26th March 2021. The proponent and consultant were present. The consultant made the presentation. The Committee directed the proponent to submit certain additional documents /details. A field inspection was also carried out on 02.07.2021 by a team of experts of SEAC and certain observations were made by the team.

The Proposal was placed in the 123rd meeting of SEAC held on 27th to 30th July 2021. The Committee discussed the Field Inspection Report and directed the proponent to submit certain additional documents:

The Proposal was placed in the 124th meeting of SEAC held on 24th to 27th August 2021. The Committee decided to recommend issuing EC with a project life of five years with certain specific conditions.

Authority noticed that the SEAC had appraised the proposal based on Form I, Prefeasibility 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 for a period of 5 years for the quantity mentioned in the approved Mining Plan subject to the Clearance from the National Board for Wild Life and subject to the following specific conditions in addition to the general conditions.

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.
- 2. Farm shed should be demolished
- 3. Compensatory afforestation with native species.
- 4. As the quarry site is located within 10 km radius of the Peechi- Vazhani Wildlife Sanctuary, as per OM dated 8.8.2019 of MoEF&CC clearance from Standing Committee of the National Board for Wildlife is mandatory for starting a quarry. Hence Project Proponent is directed to obtain a clearance from Standing Committee of the National Board for Wildlife before starting any activity at site.
- 5. 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.
- 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. Authority makes it amply clear that EC issued does not necessarily imply that Wildlife clearance shall be granted to the Project Proponent and that the proposal for Wildlife clearance will be considered by the respective Authorities on its merit and decision taken accordingly. The investment made in the project if any based on this EC in anticipation of clearance from Wildlife angle shall be entirely at the cost and risk of the Project Proponent and MoEF&CC and SEIAA shall not be responsible in this regard in any manner.
- 9. A copy of the EC shall be marked to IGF(WL), MoEF&CC, PCCF and Chief wild life Warden, Kerala, SEAC, District Collector, Kozhikode and Director Mining and Geology, Department of Industries GOK, besides others for information and necessary further action.

Item No.03

Environment Clearance for the granite building stone quarry project in Survey Nos. 8/2, 8/2-18 in Vettilappara Village, Eranad Taluk, Malappuram District, Kerala for an extent of 1.2914 Ha by Sri.P.P.Veeran, M/s.Cherupara Granites (Proposal No.SIA/KL/MIN/129838/ 2019, File No.1771/EC2/2019/SEIAA)

P.P.Veeran Managing Partner, M/s.Cherupara Granites Room No.11/61,Koorankallu Vettilappara PO Areacode, Malappuram Kerala – 673 639 submitted application in SEIAA through PARIVESH on 05.12.2019 for Environmental Clearance for the Granite Building Stone Quarry in Survey no.8/2, 8/2-18, in Vettilapara Village, Ernad Taluk, Malappuram district. The total mine lease area cover 1.2914 Hectare.

The proposal was placed in the 120th meeting of SEAC held on 24th to 26th March 2021. The Committee decided to invite the proponent for presentation. The proposal was placed in the 122nd meeting of SEAC held on 15th to 18th June 2021. The proponent and the RQP were present. The RQP made the presentation. The Committee directed the proponent to submit certain additional documents /details. A field inspection was also carried out on 22.07.2021 by a team of experts of SEAC and certain observations were made by the team.

The Proposal was placed in the 124th meeting of SEAC held on 24th to 27th August 2021. The Committee decided to recommend the issuance of EC with a project life of five years subject to the following specific 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. Provide a retaining wall on the South East side and strengthen the slope with bamboo plants.
- 3. Haulage road to be maintained with provision for weep holes on road cut slope.
- 4. . Compensatory afforestation plan to be implemented.
- 5. CER to be modified and made part of EMP.
- 6. The period EC will be further extended covering the project life as estimated by SEAC after conducting a field inspection to confirm the compliance of EC conditions.

- 7. The validity of the EC will be further extended at the end of 5 years after a field inspection SEAC to ensure that there are no Violation of EC condition.
- 8. 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 the 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.
- 9. 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.
- 10. In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.
- 11. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the 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.

Environmental Clearance for Granite Quarry - Shri. P.V. Santhosh, Block No. 29, Re Survey No. 288/1-1, 288/1-2, 287/2, 288/3, Mazhuvannoor Village, Kunnathunad Taluk, Ernakulam District. (Proposal No: SIA/KL/MIN/131666/2019, File No:1783/EC3/2020/SEIAA)

Shri. P.V. Santhosh submitted application on21/12/2019for the Environmental Clearance of Granite Quarry at Block No. 29, Re Survey No. 288/1-1, 288/1-2, 287/2, 288/3, Mazhuvannoor Village, Kunnathunad Taluk, Ernakulam District for an extend of 0.9998 Ha. The revised project cost submitted is Rs. 1,77,92,000/-. The capacity of mining permit is 32,314 TPA. The quarrying permit is applied for 5 years.

The file was placed in the 120thSEAC meeting held on24-26, March, 2021. The Committee decided to invite the proponent for presentation. The file was placed in the 122nd SEAC meeting held on 15th, 16th, 17th& 18th June 2021. The proponent and the RQP were present. The RQP made the presentation. The Committee directed the proponent to submit certain additional documents /details. A field inspection was also carried out on 05.07.2021 by a team of experts of SEAC and certain observations were made by the team.

The file was placed in the 123rd SEAC meeting held on 27th – 30th July 2021. The Committee directed the proponent to submit certain documents/details.

The file was placed in the124th SEAC meeting held on24 -27,August, 2021. The Committee discussed and accepted the additional details submitted by the proponent. The Committee decided to recommend issuing EC with the project life of five years and with certain specific conditions.

Authority noticed that the SEAC had appraised the proposal based on Form I, Prefeasibility 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 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. Approach road should be widened before mining.
- 3. Top soil near BP7 should not be disturbed.
- 4. 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
- 5. 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
- 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.

Item No.5

Environmental Clearance for the proposed Granite Building Stone quarry project in SurveyNo. 208/1, Alanallur –3 Village, Mannarkkadu Taluk, Palakkad District, district, M/s PLANETS SANDS & AGGREGATES (SIA/KL/MIN/134893/2020, 1585/EC1/2020/ SEIAA)

Shri. Fayis C. K , Managing Partner , M/s Planet Sands & Aggregates, Vattamannapuram P. O., Edathanattukar, Mannarkkad, Palakkad, Kerala – 678 601, submitted application via PARIVESH on 03.01.2020 for the proposed Granite Building Stone quarry project in Survey No. 208/1, Alanallur –3 Village, Mannarkkadu Taluk, Palakkad District.

The proposal was placed in the 115^{th} SEAC meeting held on 3-5, NOVEMBER 2020 &120th SEAC meeting held on $24^{th}-26^{th}$ March, 2021 and the Committee decided to direct the proponent to submit certain documents/details.

The proposal was placed in the 123^{rd} SEAC meeting held on $27^{th} - 30^{th}$ July 2021. The Committee scrutinized the additional documents/details submitted by the proponent and decided to direct the proponent to apply for ToR.

In the 124^{th} SEAC meeting, held on $24^{th} - 27^{th}$ August, 2021, the above decision was corrected as "the Committee decided to reject the proposal and direct the proponent to apply for ToR".

Authority decided to reject the proposal and direct the proponent to apply for ToR as recommended by SEAC.

Item No. 6

Environmental Clearance for the Laterite Stone Quarry Of Mr.Suresh.T, over an extent of 0.4047 Ha.Re.Sy.No.113/21(113/2) in Mavoor Village, Kozhikode Taluk, Kozhikode District, Kerala . (SIA/KL/MIN/142152/2020) {1737/EC4/2020/SEIAA}

Sri.Suresh.T, S/o Achuthan, Thadathil House, Choolur P.O,Kozhikode-673601 vide application dated 10/02/2020 has sought Environmental Clearance for the laterite building stone quarry project at Re.sy No-113/21 (113/2) in Mavoor Village, Kozhikode Taluk, Kozhikode District, Kerala from an area of 0.4047ha.

The proposal was placed in the 120th meeting of SEAC held on 24th,25th& 26th March 2021. The Committee decided to invite the proponent for presentation. The proposal was placed in the 122nd meeting of SEAC held on 15th, 16th 17th& 18th June 2021. The proponent and RQP were present. The RQP made the presentation. The Committee directed the proponent to submit certain additional documents /details. A field inspection was also carried out on 12.07.2021 by a team of experts of SEAC and certain observations were made by the team.

The proposal was placed in the 123rd meeting of SEAC held on 27th -30th July 2021. The Committee directed the proponent to submit certain documents/details. The proposal was placed in the 124th meeting of SEAC held on 24th-27th August 2021. The Committee decided to recommend the issuance of EC for 3 years with project life of 3 years subject to certain specific conditions.

Authority decided to issue EC for two years 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. Maximum depth of mining must be limited to 4.5 m bgl
- 3. Mining must be done in 2 m benches
- 4. Top soil and laterite waste must be dumped in designated place only
- 5. Natural slope must be maintained to ensure uninterrupted drainage
- 6. Mined out area must be refilled with top soil removed and used for agricultural purposes.
- 7. 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.

8. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the 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.7 Environmental Clearance for the Laterite Stone Quarry Of Mr.Sindhudas O.K, over an extent of 0.4047Ha.Re.Sy.No.152/108 in Sivapuram Village, Thalassery Taluk, Kannur District, Kerala . (SIA/KL/MIN/143844/2020) {1600/EC4/2020/SEIAA}

Sri.Sindhudas O.K, Proprietor, S/o Sivadasan, Siya Nivas, Sivapuram P.O,Kannur-670702 vide application dated 18/02/2020 has sought environmental clearance for the laterite building stone quarry project at Re.sy No.152/108 in Sivapuram Village, Thalassery Taluk, Kannur District, Kerala from an area of 0.4047ha.

The proposal was placed in the 115th meeting of SEAC held on 03rd -05th November 2020. The Committee decided to invite the proponent for presentation along with certain documents/details. The proponent submitted the documents in PARIVESH portal on 28.11.2020.

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. The Committee decided to direct the proponent to submit certain additional documents/details. The proponent submitted the documents in PARIVESH portal on 24.02.2021

The proposal was again placed in the 121st meeting of SEAC held on 22nd, 23rd& 27th April 2021. A field inspection was also carried out on 11.08.2021 by a team of experts of SEAC and certain observations were made by the team.

The proposal was placed in the 124th meeting of SEAC held on 24th -27th August 2021. The Committee decided to recommend the issuance of EC with project life of 2 years subject to certain specific conditions in addition to general conditions.

Authority decided to issue EC for two 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. A garland drain should be laid all around the mining site to drain the overland flow to the nearest natural drain.
- 3. Mining should be carried out by providing benches at every 2m.
- 4. Proper drainage from the mine site should be ensured.
- 5. Sprinkling of water should be done on the unsurfaced road prior to each movement of truck.
- 6. The proponent should undertake phased restoration and shall complete it before the completion of the mining operations.
- 7. The filled-up pits with the waste/OB materials to be covered with freshly removed soil mixed with sufficient organic matter to ensure fast raising of the vegetation.
- 8. Ensure zero growth of invasive weeds in the restored area by carefully operated
- 9. Agronomic and restoration practices.
- 10. 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

11. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Honourable Supreme Court the Project Proponent shall, undertake regrassing 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.8

Environmental Clearance for the proposed Granite building stone quarry project of Sri.Kunjali Marakkar V.M, over an extent of 0.9993 Ha.Re.Sy.No.67/225, 67/1089, 67/1090, 67/956 in Kakkad Village, Kozhikode Taluk, Kozhikode District, Kerala . (SIA/KL/MIN/147850/2020) {1697/EC4/2020/SEIAA}

Sri.KunjaliMarakkar V.M, Kulirma House, Mysoremala P.O, Mukkam Via, Kozhikode-673602 vide application dated 07/03/2020 has sought environmental clearance for the granite building stone quarry project at Re.sy No-67/225,67/1089,67/1090,67/956,in Kakkad Village, Kozhikode Taluk, Kozhikode District, Kerala from an area of 0.9993ha.

The proposal was placed in the 114th meeting of SEAC held on 06th-08th October 2020. The Committee decided to invite the proponent for presentation. The proposal was placed in the 116th meeting of SEAC held on 02nd,03rd and 07th December 2020. The proponent and consultant were present. The consultant made the presentation. The Committee decided to direct the proponent to submit certain additional documents/details. The proponent submitted the documents in PARIVESH portal on 18.01.2021. The proposal was placed in the

118th meeting of SEAC held on 01st,02nd& 03rd February 2021. The Committee scrutinized the additional details submitted by the proponent. A field inspection was also carried out on 10.04.2021 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 & 24th April 2021. The Committee discussed and accepted the Field Inspection Report and decided to direct the proponent to submit certain documents/details. The proponent submitted the documents in PARIVESH portal on 14.06.2021

The proposal was placed in the 123rd meeting of SEAC held on 27th -30th July 2021. The Committee scrutinized the addition documents submitted by the proponent and decided to direct the proponent to submit certain additional documents. The proponent submitted the documents in PARIVESH portal on 16.08.2021.

The proposal was placed in the 124th meeting of SEAC held on 24th-27th August 2021. The Committee approved the revised CER received through mail and decided to recommend the issuance of EC with project life of five years subject to certain specific conditions in addition to general conditions.

Authority noticed that the SEAC had appraised the proposal based on Form I, Prefeasibility 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 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. Natural drain on N-W side must be protected
- 3. Local plants must be used for green belt development and compensatory afforestation
- 4. Top soil must be stacked in the designated place only
- 5. 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.
- 6. Construction of open dug well (as per the need based demand raised by 8 families in Ward 2 of Attayakunnu in Karassery Panchayath), 25000L water tank, motor, fittings Rs. 5,31,290/-
- 7. Installing Solar Street Light (V Guard) and operation in Ward 2 (Kaaramoola West) of Karassery Panchayath (Ten Nos, @ Rs.25,000/- per one unit) Rs. 2,50,000/-
- 8. Smart class Installation in Govt C. H. Memorial L.P School, Nellikkaparambu, Projector (Toshiba), white screen, Projector stand, Sound system (Sony), Computer 6 nos (Dell) Rs. 2,22,500/
- 9. Installing Solar power plant 8kw (TATA) [KSEB Grid supply) and operation in Govt C. H. Memorial L.P School, Nellikkaparambu Rs 5,35,000/-
- 10. Maintenance Rs 45,000/-
- 11. Items 6-10 listed above will be covered under CER component in addition to other components within the indicated cost.
- 12. In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.
- 13. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the 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.

Environmental Clearance for the Laterite building stone quarry of Sri.Aneesh P.V, over an extent of 0.5828 Ha. Re.Sy.No.1/572 in Kalliyad Village, Iritty Taluk, Kannur District, Kerala . (SIA/KL/MIN/148227/2020) {1648/EC4/2020/SEIAA}

Sri.Aneesh P.V,S/o Karunakaran Nambiar, Jisha Nivas, Kusavan Vayal P.O,Kannur-670593 vide application dated 10/03/2020 has sought environmental clearance for the laterite building stone quarry project at Re.sy No.1/572 in Kalliyad Village, Iritty Taluk, Kannur District, Kerala from an area of 0.5828ha.

The proposal was placed in the 115th meeting of SEAC held on 03rd -05th November 2020. The Committee decided to invite the proponent for presentation along with certain documents/details. The proponent submitted the documents in PARIVESH portal on 28.11.2020

The proposal was placed in the 117th meeting of SEAC held on 28th, 29th& 30th December 2020 & 120th meeting of SEAC held on 24th-26th March 2021. The Committee decided to direct the proponent to submit certain additional documents/details. The proponent submitted the documents in PARIVESH portal on 26.02.2021 &19.04.2021 respectively.

The proposal was again placed in the 121st meeting of SEAC held on 22nd, 23rd& 27th April 2021. The Committee scrutinized the additional documents submitted by the proponent. A field inspection was also carried out on 11.08.2021 by a team of experts of SEAC and certain observations were made by the team.

The proposal was placed in the 124th meeting of SEAC held on 24th -27th August 2021. The Committee discussed the Field Inspection Report. The Committee decided to recommend the issuance of EC with project life of three years subject to certain Specific Conditions in addition to general conditions.

Authority noticed that the SEAC had appraised the proposal based on Form I, Prefeasibility 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 for two years 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 The period of EC will be further extended to cover the project life as estimated by SEAC after conducting a field inspection at the end of 2 years to ensure the compliance of EC conditions.
- 3 Mining should be carried out by providing benches at every 2m.
- 4 Proper drainage from the mine site should be ensured.
- 5 Sprinkling of water should be done on the unsurfaced road prior to each movement of truck.
- 6 The proponent should undertake phased restoration and shall complete it before the completion of the mining operations. As the surrounding area was spotted with some good wild tree vegetation, preference can be given to trees grown there for restoration.
- 7 The filled-up pits with the waste/OB materials to be covered with freshly removed soil mixed with sufficient organic matter to ensure fast raising of vegetation by avoiding growth of alien invasive plant species like Acacia, Cassia spectabilis etc.
- 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

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 regrassing 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.10

Environmental Clearance for the Laterite Stone quarry project in Re-Survey Nos. 44/1,41/1 of Thalakulathur Village, Kozhikode Taluk, Kozhikode District by Sri.Moyimonul Rasheed, Kozhikode (SIA/KL/MIN/150010/2020) (1627/EC4/2020/SEIAA)

Sri.Moyimonul Rasheed, OKH House, Mankavu, Kozhikode vide his application dated 20.03.2021 sought Environmental Clearance for the laterite stone quarry project in Re. Sy.No.44/1 and 44/1 in Thalakulathur Village, Kozhikode Taluk, Kozhikode District, Kerala. The area proposed for mining is 0.9919 Ha. The proposal was placed in the 112th SEAC meeting. A field inspection was also carried out on 23.11.2020 by a team of experts of SEAC and certain observations were made by the team.

The proposal was placed in the 118th meeting of SEAC held on 01st, 02nd& 03rd February 2021. The Committee discussed the Field Inspection Report and decided to direct the proponent to submit certain documents/details. The proponent submitted the documents online on 26.03.2021.

The proposal was placed in the 121st meeting of SEAC held on 22nd, 23rd& 27th April 2021 & 122nd meeting of SEAC held on 15th, 16th, 17th& 18th June 2021. The Committee discussed and accepted the additional details submitted by the proponent and decided to direct

the proponent to submit certain additional documents/details. The proponent submitted the documents.

The proposal was placed in the 123rd meeting of SEAC held on 27th, 28th, 29th& 30th July 2021. The Committee noted that the matter is pending for long in spite of a Court direction with a time limit of 2 months. This is due to the failure of the proponent in submitting an appropriate drainage plan. Since the proposed area is located on the summit of a laterite hill, the land fragility and geological situation demand a comprehensive drainage plan. Though the proponent submitted a drainage plan, it is not satisfactory in view of the fragile terrain condition. Further, the proponent was informed about the indicative procedure, but the drainage plan is yet to be received. It is decided to inform the matter to SEIAA.

The proposal was placed in the 111th meeting of SEIAA held on 17th& 18th August 2021. Authority noted the steps taken by SEAC for the appraisal of the proposal further and the directions of the Hon. High Court in WP(C) No. 5572 of 2019. Authority decided the following:

- 1. Direct SEAC to give definite recommendation about the action to be taken on EC in the light of the observation made by the Hon. High Court in WP(C) No. 5572 of 2019, on priority as the time period given by Hon. High Court is already over, though there are lapses on the part of Project Proponent in submitting the required details.
- 2. Direct the Project Proponent to submit the required details to SEAC for appraising the proposal on priority so that the delay can be avoided.
- 3. The action taken by both SEIAA and SEAC shall be informed to the Standing Counsel for defending the case further as and when it comes up.

The proponent submitted the revised drainage plan with, Width, depth, carrying capacity on 17.08.2021.

The proposal was placed in the 124th meeting of SEAC held on 24th -27th August 2021. The Committee discussed and accepted the additional details submitted by the proponent. The Committee decided to recommend the issuance of EC with project life of five years subject to certain specific conditions in addition to general conditions.

Authority noticed that the SEAC had appraised the proposal based on Form I, Prefeasibility 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 for two years 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 The period of EC will be further extended to cover the project life as estimated by SEAC after conducting a field inspection at the end of 2 years to ensure the compliance of EC conditions.
- 3 The validity of EC may be limited as per the mine plan but the quantity to be extracted may be limited to a total of 40,075 MT only.
- 4 The overland drainage channel will have to be laid prior to the commencement of mining as per the plan and details submitted and it should be managed with utmost care by preventing any obstructions to the flow and periodical removal of the silt deposited.
- 5 Sprinkling of water should be done on the unsurfaced road prior to each movement of truck.
- 6 The proponent should undertake a phased restoration and shall complete this work along with the completion of the mining operations. As it is a fully exposed, elevated hard terrain, a Horti-Sylvi approach with initially fast growing trees like Subabul on the overburden followed by a cashew or bamboo plantations is recommended. The filled-up pits with the waste/OB materials to be covered with freshly removed soil mixed with sufficient organic matter to ensure fast raising of the plantation.
- 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

- 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 regrassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the half yearly compliance report which will be monitored by SEAC at regular intervals.
- 9 Authority noticed that a complaint has been received from Shri Raveendran, Chairman, Eliyaramala Samrakshana Samithi alleging misrepresentation facts to SEAC. Authority decided to forward the complaint to District Geologist for enquiry and report after conducting a field inspection with notice to complainant and project proponent.

Item No.11 Application for Environmental Clearance for the granite building stone quarry in Block No.23, Re survey No.452,441/1,441/2, 435,440/1,440/2,436 of of M/S A-One Sands Pvt. Ltd in Muthalamada –I Village, Chittur Taluk, Palakkad District (SIA/KL/MIN/187395/2020, 747/EC1/180/2015/SEIAA)

Mr.K.P. Joy, Managing Director M/s A-One Sands Private Limited. Chemmanampathy, Govindapuram PO, Palakkad-688507, submitted application for Environmental Clearance via PARIVESH on 11.12.2020 for the granite building stone quarry in Block No.23, Re survey No.452,441/1,441/2,435,440/1,440/2,436 of M/S A-One Sands Pvt. Ltd in Muthalamada –I Village, Chittur Taluk, Palakkad District over an extent of 4.7000Ha.

The proposal was placed in the 120th SEAC meeting held on 24-26, March, 2021 .The proponent and consultant were present. The consultant made the presentation. The Committee decided to direct the proponent to submit certain additional documents.

The proposal was placed in the 121st SEAC meeting held on 22nd, 23rd and27th of April, 2021 TheCommitteediscussedandacceptedtheadditionaldetails submitted by the proponent. A field inspection was also carried out on 12.07.2021 by a team of experts of SEAC and certain observations were made by the team.

The proposal was placed in the 123rd SEAC meeting held on 27th – 30th July 2021. The Committee discussed the Field Inspection Report and decided to direct the proponent to submit certain documents/details. The proposal was placed in the 124th SEAC meeting held on 24 -27, August, 2021. The Committee discussed and accepted the additional details submitted by the proponent. The Committee decided to recommend for EC with certain specific conditions in addition to general conditions.

Authority noticed that the SEAC had appraised the proposal based on Form I, Prefeasibility 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 for a period of 5 years for the quantity mentioned in the approved Mining Plan subject to the Clearance from the National Board for Wild Life and subject to the following specific conditions in addition to the general conditions.

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.
- 2. Abide by the Conditions mentioned in the Affidavit submitted by the proponent
- 3. As the quarry site is located within 10 km radius of the Parambikulam Wildlife Sanctuary, as per OM dated 8.8.2019 of MoEF&CC clearance from Standing Committee of the National Board for Wildlife is mandatory for starting a quarry. Hence Project Proponent is directed to obtain a clearance from Standing Committee of the National Board for Wildlife before starting any activity at site.
- 4. 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.

- 5. 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.
- 6. 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.
- 7. Authority makes it amply clear that EC issued does not necessarily imply that Wildlife clearance shall be granted to the Project Proponent and that the proposal for Wildlife clearance will be considered by the respective Authorities on its merit and decision taken accordingly. The investment made in the project if any based on this EC in anticipation of clearance from Wildlife angle shall be entirely at the cost and risk of the Project Proponent and MoEF&CC and SEIAA shall not be responsible in this regard in any manner.
- 8. A copy of the EC shall be marked to IGF(WL), MoEF&CC, PCCF and Chief wild life Warden, Kerala, SEAC, District Collector, Kozhikode and Director Mining and Geology, Department of Industries GOK, besides others for information and necessary further action.

Item No.12 Environmental Clearance for the proposed Residential Building Project M/s Artech Grand Tower, Residential Building Project in Survey Nos.92/1,2,3,4,5 in Sasthamangalam Village, Thiruvananthapuram Taluk, Thiruvananthapuram District

SIA/KL/MIS/148576/2020, 1645/EC1/2020/SEIAA

Sri. Viju Varghese, Artech House, TC. 28/2128 Thycaud, Thiruvananthapuram, Kerala Pin: 682036 submitted application for Environmental Clearancevia PARIVESH on 12/03/2020for the proposed Residential Building Project M/s Artech Grand Tower, Residential Building Project in Survey Nos.92/1,2,3,4,5 in Sasthamangalam Village, Thiruvananthapuram Taluk, Thiruvananthapuram District. The total plot area is 5258 m² and the total built-up area is 24386.59 m². The Height of the building is 86.1 m.

The proposal was placed in the 115th SEAC meeting held on 3 – 5, November 2020. The Committee decided to invite the proponent for presentation along with certain documents/details. The proposal was placed in the 117th SEAC meeting held on 28th, 29th and 30th December, 2020. The proponent was present. The RQP made the presentation. A field inspection was also carried out on 29.01.2021 by a team of experts of SEAC and certain observations were made by the team.

The proposal was placed in the 117th SEAC meeting. The proponent was present. The Consultant made presentation. A field inspection was also carried out on 29.01.2021 by a team of experts of SEAC and certain observations were made by the team. The proposal was placed in the 119th SEAC meeting held on 23rd -25th February, 2021 &121st SEAC meeting held on 22nd, 23rd and27th of April, 2021. The Committee decided to direct the proponent to submit certain additional documents/details:

The proposal was placed in the 123rd SEAC meeting held on 27th – 30th JULY 2021. The Committee scrutinized the addition documents submitted by the proponent. Regarding the CER proposals, the Proponent is not insisting for Killiar rejuvenation programme and proposed a roof top solar power with a capacity of 80KW. The Committee decided to ask for a new proposal which may be beneficial to the local community instead of the solar power installation.

The proposal was placed in the 124th SEAC meeting held on 24 -27 August 2021. The Committee discussed and accepted the additional details submitted by the proponent. The Committee decided to recommend for issuance of EC with certain specific conditions in addition to general conditions.

Authority noticed that the SEAC had appraised the proposal based on Form I, Prefeasibility 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 accepted the recommendation of SEAC and decided to issue EC for 7 years subject to the following specific conditions in addition to the general conditions.

- 1) Compensatory Green Belt Development Plan with local species of trees.
- 2) Lower basement level must be above high flood level of Killi River.
- 3) Ensure Children play area as proposed.
- 4) Development of alternate access road.
- 5) Waste management facility for the treatment of bio-waste and Material Collection Facility for dry waste at Harveepuram Colony with tentative cost of Rs 25 lakh.
- 6) Infrastructure for Swap Shop, WM plant & Material Collection Facility nearAmbalamukku with a tentative cost of Rs 20 lakh.
- 7) Segregated Dry Waste Collection Hubs (16Nos) with a tentative cost of Rs 8 lakh.
- 8) As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with 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.
- 9) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project (Circular No.J-11013/41/2006-IA.II(I) of GoI, MoEF dt.22.09.2008).

Item No.13 Environmental Clearance for the Construction of Nayarthodu Bridge in Purathur Panchayat, Malappuram District(Proposal No.SIA/KL/MIN176234/2020,FileNo.1878/EC6/2021/SEIAA)

The Assistant Engineer, Kerala Public Works Department submitted application in SEIAA through PARIVESH on 01.10.2020 for Environmental Clearance for the Construction of Nayarthodu Bridge in Purathur Panchayat, Malappuram District.

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 invite the proponent for presentation. The proposal was placed in the 123rd meeting of SEAC held on 27th to 30th July 2021. Shri. Afsal, from KRFB presented the proposal. A field inspection was also carried out on 22.08.2021 by an expert of SEAC and certain observations were made.

The Proposal was placed in the 124th meeting of SEAC held on 24th to 27th August 2021. The Committee discussed the Field Inspection Report. As per the clause No. 7 (f) of the EIA Notification, 2006 and subsequent amendments, EC from the SEIAA is required for new State Highways and Expansion of National/State Highways greater than 30 km involving additional right of way greater than 20m involving land acquisition. Therefore, this proposal does not require EC.

Authority noted that EC is not required for the project and decided to communicate the same to the proponent.

Item No.14.

Environment Clearance for the proposed Residential project to be developed by M/s SobhaHighrise Ventures Pvt. Ltd. Limited at Sy. Nos. 128/4 (P) & 128/19(P) Cheruvakkal Village, Thiruvananthapuram Municipal Corporation, Thiruvananthapuram Taluk & District, Kerala. (Registration in Indian Green Building Council) SIA/KL/MIS/189607/2020 1869/EC1/2021/SEIAA

Sri. NISANTH.M.N. Authorized Signatory, M/s SobhaHighrise Ventures Pvt. Ltd submitted application for Environmental Clearance via PARIVESH on 24.12.2020 for the

proposed Residential project to be developed by M/s SobhaHighrise Ventures Pvt. Ltd. Limited at Sy. Nos. 128/4 (P) & 128/19(P) Cheruvakkal Village, Thiruvananthapuram Municipal Corporation, Thiruvananthapuram Taluk & District, Kerala.

The proposal was placed in the 119th SEAC meeting held on 23rd -25th February, 2021. The Committee decided to invite the proponent for presentation. The proposal was placed in the 120th SEAC meeting held on 24-26, Merch, 2021. The proponent and consultant were present. The consultant made the presentation. A field inspection was also carried out on 16.07.2021 by a team of experts of SEAC and certain observations were made by the team. The proposal was placed in the 123rd SEAC meeting held on 27th – 30th July 2021. The Committee discussed the Field Inspection Report and decided to direct the proponent to submit certain documents/details.

The proposal was placed in the 124th SEAC meeting held on 24 -27, August, 2021. The Committee discussed and accepted the additional details submitted by the proponent. The Committee decided to recommend the issuance of EC with project life of five years subject to certain specific conditions in addition to general conditions.

Authority noticed that the SEAC had appraised the proposal based on Form I, Prefeasibility 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 accepted the recommendation of SEAC and decided to issue EC for 5 years subject to the following specific conditions in addition to the general conditions.

- a. Action for establishing an STP of capacity 80 KLD, having Tertiary Treatment Unit with Ultra Filtration (UF) Unit, including pretreatment facilities of PSF and PCF, in order to ensure quality of treated water, fit for re-use /recycle, for Flushing / Gardening/Fire Fighting // HVAC make up water / Recharge of local ground water.
- b. Establish composting unit of Organic Waste Convertor Unit, of capacity 245 kg/day for treatment of biodegradable solid waste and the capital cost and O&M, shall be linked to EMP, for further monitoring

- c. Provide the revised storage space of 75 sq m area, for Non-degradable waste and provide 15 sq m, additional space for storage of Hazardous Waste and E- waste.
- d. Action for developing / planting and nurturing of local species of trees including Fruit Bearing Trees, in the Green Belt area / open space, compensatory afforestation area/ children's play area, including avenue plantations ,providing vertical and balcony farming structures and make them accountable in the EMP.
- e. If, ground water is propose to be used, in addition to KWA supplied water, ensure proper treatment, and pumping test should be conducted, for knowing yield, zone of influence and aquifer response, as there are more Housing Units are coming up in the adjoining area.
- f. Provide two line plumbing system, for ensuring reuse of treated waste water, for flushing and use of water efficient /conserving plumbing system.
- g. Adopt climate- responsive design as per Green Building Guidelines and ensure that exposed roof area and covered parking will be covered with material having high solar reflective index.
- h. Ensure that the building design will cater to the differently-abled citizens and ensuring that the design of the building will be done in compliance to Energy Building Code, as applicable.
- i. 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.

j. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project (Circular No.J-11013/41/2006-IA.II(I) of GoI, MoEF dt.22.09.2008).

Item No.15

Environmental Clearance for the proposed building construction project as part of development of IT/ITES campus (Phase-1) at Technocity Campus in Re-Survey Nos. 4/1, 4/2, 4/3 and Re-Survey No. 1 (in Block No. 8 of Andoorkonam Village) and Re-Survey No. 387-part, 388, 389, 390, 401, 402 and Re-Survey Nos. 398 (Part), 399-(part), 400 (Part) (in Block No. 9 of Pallipuram Village), Thiruvananthapuram Taluk & District, Kerala to be developed by M/s Tata Consultancy Services Ltd. SIA/KL/MIS/209935/2021, 1896/EC1/2021/SEIAA

Shri.Santhosh P.M., M/s Tata Consultancy Services Ltd., Peepul Park, Technopark Campus, Kariavattom P.O., Thiruvananthapuram, Kerala-695581 submitted application for Environmental Clearance via PARIVESH on 21.04.2021 for the proposed building construction project as part of development of IT/ITES campus (Phase-1) at Technocity Campus in Re-Survey Nos. 4/1, 4/2, 4/3 and Re-Survey No. 1 (in Block No. 8 of Andoorkonam Village) and Re-Survey No. 387-part, 388, 389, 390, 401, 402 and Re-Survey Nos. 398 (Part), 399-(part), 400 (Part) (in Block No. 9 of Pallipuram Village), Thiruvananthapuram Taluk & District, Kerala. The project comes under category 8(a) of the schedule of EIA Notification 2006.

The proposal was placed in the 122^{nd} SEAC meeting held on 15^{th} , 16^{th} , $17^{th}\&18^{th}$ JUNE 2021. The Committee scrutinized the proposal submitted by the proponent. The Committee decided to invite the proponent for presentation. The proposal was placed in the 123^{rd} SEAC meeting held on $27^{th} - 30^{th}$ July 2021. The proponent and consultant were present. The consultant made the presentation. A field inspection was also carried out on 13.08.2021 by a team of experts of SEAC and certain observations were made by the team.

The proposal was placed in the 124th SEAC meeting held on 24 -27 August 2021. The Committee discussed the Field Inspection Report and decided to recommend the issuance of EC with project life of five years subject to certain specific conditions.

Authority noticed that the SEAC had appraised the proposal based on Form I, Prefeasibility 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 accepted the recommendation of SEAC and decided to issue EC for 5 years subject to the following specific conditions in addition to the general conditions.

- a. Prepare and implement a Comprehensive Master Plan for the whole land, available with TCS, including the present proposal, after considering future Development needs, providing sufficient open areas, greening strips/ Pachathuruthu, Miyawaki micro forest, sewer lines, storm water drainage systems, road network etc.
- b. Provide sufficient water treatment facility for Roof Top / surface runoff /Rain Water harvested, from the compound, for ensuring recycle/ reuse, within the compound.
- c. Establish a roof tor Rain Water Harvesting (RWH) System, with a storage and treatment unit of 250 KL capacity for reducing intake of domestic eater from KWA.
- d. Implement a Scientific Storm Water Drainage Plan based on topography, underneath clay deposits, percolation rate, future development plans, and storage capacity of pond of 10 ML, in a 1.55 acres of land, as proposed in the EMP.
- e. Ensure reusing of Rain Water to the maximum extent possible, by avoiding Soak Pits proposed, considering the Clayey Strata, of sub soil of the project area.
- f. Establish a Sewage Treatment Plant (STP) of 240 KL/day capacity, with treatment of primary, secondary with MBBR and tertiary with Ultra-filtration Units, followed by disinfection for, ensuring reuse of treated water for flushing, horticulture and AC cooling make up water.
- g. Provide proper facilities for management of excavated soil / cutting of earth made at the site, of about 95,250 cu.m. Action shall be taken for utilising excavated soil of 48,200 cu.m, for backfilling purposes, earth of 10,700 cu.m, to be preserved for landscaping purposes and balance excavated earth of 36,350 cu.m as proposed to be temporarily stored and stacked in the campus.

h. Provide treatment facility for Biodegradable waste of capacity, 413 kg/day using the Organic Waste Converter (OWC), with capacity of about 500 kg/day and link it with EMP for compliance monitoring.

i. Ensure a tree plantation programme, as part of compensatory afforestation programme, the project, for plantation 1400 trees, as per MoEF& CC norms and

additional number of planting of trees, as specified in the KMBR.

j. Establish a properly designed Plan for planting of local species of trees in the green belt area / open space, compensatory afforestation area, possibility for providing a Pachathuruthu, Miyawaki micro forest / Afforestation within the area, including

avenue plantations.

k. Action shall be taken for implementing, at least, one component fully of the Ananthanchira Water Supply Scheme, by the TCS, utilising the above proposed

amount, in consultation with Local Body and KWA.

l. Establish onsite solar power generation by using roof top solar panels, for generating. Energy at least 10 %, instead of 7 % proposed, of total electrical demand, and link it

with EMP.

m. Action shall be taken for utilisation of excavated balance quantity of soil / clay of 36,350 cu.m. Out of the total excavated earth / soil / clay of 95,250 cu.m, soil of 10,700 cu.m, shall be utilised for landscaping purposes and soil of 48,200 cu.m shall be utilised for backfilling purposes. Action shall also be taken for utilising the balance quantity of soil/ clay of 36,350 cu.m. appropriately in consultation with the Government, as the soil of the area is a precious industrial resource, and avoid the proposal of stacking it in the compound, as it may deteriorate the quality of storm

water collected from the area during the operation phase.

n. Action for spending at least 1.5% of project cost, amounting to Rs 5.595 crore, in the community augmentation plan, as part of Corporate Environment Responsibility

(CER), and the proposed activities, shall be as follows.

Ananthanchira Drinking Water Project: Rs 1,00,00,000/

Well recharge: Rs 1,60,00,000/

- Renewable Energy: Rs 55,00,000/
- Enhance the facilities of Govt. LP/UP Schools: Rs 57,00,000/
- Enhance the facilities of Family Health Centre: Rs 87,50,000/
- Support to the Travancore Heritage Backwater Tourism Circuit Project: Rs 1,00,00,000

Total: Rs. 5,59,50,000/

- o. Implement the CER plan and perform direct implementation of the components that are to be completed from the side of TCS, in each activity, instead of giving funds from the CER budget. Sufficient physical details of each of the proposed activities shall be linked with EMP in quantifiable terms, for ensuring compliance monitoring.
- p. 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(as listed above) 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 1.5 of the project cost as indicated above 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 Corporation/Panchayat for information and implementation support.
- q. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project (Circular No.J-11013/41/2006-IA.II(I) of GoI, MoEF dt.22.09.2008).

Expansion of the existing Master Plan Development of an IT/ITES SEZ township project of M/S Smart City (Kochi) Infrastructure Pvt. Ltd. at Sy. Nos. 640/1, 640/2 & others in Kakkanad Village, Kerala

(Proposal No: SIA/KL/MIS/51114/2018, File No:1191(A)/EC2/2018/ SEIAA)

Shri.Manoj Nair, CEO, M/s Smart City (Kochi) Infrastructure Pvt. Ltd., Smart City Pavilion, Bhrahmapuram P.O., Ernakulam, Kerala-682303 submitted an application on 27/02/2020 for the expansion of the existing Master Plan Development of an IT/ITES SEZ township project of M/S Smart City (Kochi) Infrastructure Pvt. Ltd. at Sy. Nos. 640/1, 640/2 & others in Kakkanad Village.

The file was placed in the 115^{th} SEAC meeting held on 3-5, November 2020. The Committee decided to invite the proponent for presentation. The file was placed in the 116^{th} SEAC meeting held on 2^{nd} , 3^{rd} and 7^{th} December, 2020. The proponent and consultant were present. The consultant made the presentation. A field inspection was also carried out on 12.12.2020 by a team of experts of SEAC and certain observations were made by the team.

The file was placed in the 118^{th} SEAC meeting held on 1^{st} , 2^{nd} & 3^{rd} February, 2021 &123rd SEAC meeting held $27^{th} - 30^{th}$ July 2021. The Committee decided to direct the proponent to submit certain additional documents:

The file was placed in the 124th SEAC meeting held 24 -27, August, 2021. The Committee discussed and accepted the additional details submitted by the proponent. The Committee decided to recommend the issuance of EC with project life of five years subject to certain specific conditions.

Authority noticed that the SEAC had appraised the proposal based on Form I, Prefeasibility 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 accepted the recommendation of SEAC and decided to issue EC for 5 years subject to the following specific conditions in addition to the general conditions.

1. Provide sufficient facilities for treatment of Roof Top/ Rain Water Harvested, of 100 ML capacity, stored in the 3 proposed ponds, within the campus, for ensuring recycle / reuse of treated rain water within the compound, to the maximum extent possible.

- 2. Ensure and insist treatment of Sewage generated from individual industrial units, to reuse of the treated water and ensure zero discharge from the compound.
- 3. Provide a general scheme of treatment for sewage, to all industrial units at the time of signing agreement with them, ensuring that a full-fledged sewage treatment system, intended for reuse / recycle of treated water, is established in all units.
- 4. Provide a scientific storm water drainage system, covering the whole area and linking it with the proposed ponds, considering the annual rain fall, topography and infiltration rate of the project area.
- 5. Action for harnessing solar energy and adoption of energy conservation measures, to meet, at least 25 % of total power requirement of the project area, and to consider, post type-solar yard lighting system, along the road way and public places.
- 6. Take action for planting of local species of trees in the Green Belt area / open space, compensatory afforestation area, including avenue plantations, as envisaged in the revised EMP.
- 7. Take action for implementing, as part of CER activities, for Restoration of Kadambrayar, Beautification of Edachira Canal, providing of Renewable Energy to neighbourhood areas, procurement of land for Anganwadi and Water Metro Station, providing of financial support for study of students in the neighbourhood area, support for Rebuild Kerala and project for Women Empowerment, at a proposed project cost of Rs 3.075 Crores, as per the revised EMP. The actions shall also be taken for linking it with EMP, in order to ensure monitoring it in terms of quantifiable, as part of compliance monitoring process.
- 8. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues listed above 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.
- 9. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project (Circular No.J-11013/41/2006-IA.II(I) of GoI, MoEF dt.22.09.2008).

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE (Extension/Amendment/Corrigendum)

Item No.01 Extension of Environmental Clearance for the Granite (Building Stone) Quarry of Shri.A. D. John in Survey Nos. 133/1, 133/1-1, 133/2, 133/3, 133/5, 133/6, 133/6-1, 133/6-2, 133/6-3, 133/6-4, 133/6-5, 133/6-6, 133/6-7, 133/7, 133/7-1, 133/7-2, 133/7-3, 133/7-4, 133/8-1, 133/9, 133/9-2, 107/4-1, 107/6, 107/6-2, 107/7, 107/7-2, 107/7-3, 107/8, 107/8-1, 108/3, 108/3-1 at Kottangal Village, Mallapally Taluk, Pathanamthitta District, Kerala SIA/KL/MIN/183508/2020, 803/EC4/2120/2015/SEIAA

Environmental Clearance was issued for the building stone quarry project Shri.A. D. John in Survey Nos. 133/1, 133/1-1, 133/2, 133/3, 133/5, 133/6, 133/6-1, 133/6-2, 133/6-3, 133/6-4, 133/6-5, 133/6-6, 133/6-7, 133/7, 133/7-1, 133/7-2, 133/7-3, 133/7-4, 133/8-1, 133/9, 133/9-2, 107/4-1, 107/6, 107/6-2, 107/7, 107/7-2, 107/7-3, 107/8, 107/8-1, 108/3, 108/3-1 at Kottangal Village, Mallapally Taluk, Pathanamthitta District, Kerala vide proceedings No. 803/EC4/2120/2015/SEIAA dated 05.03.2016, for a period of five years for an area of 4.0731 hectares. The validity of EC expired on 04.03.2021.

The project proponent submitted application via PARIVESH on 29.12.2020 for the Extension of Environmental Clearance for the Granite (Building Stone) Quarry in Survey Nos. 133/1, 133/1-1, 133/2, 133/3, 133/5, 133/6, 133/6-1, 133/6-2, 133/6-3, 133/6-4, 133/6-5, 133/6-6, 133/6-7, 133/7, 133/7-1, 133/7-2, 133/7-3, 133/7-4, 133/8-1, 133/9, 133/9-2, 107/4-1, 107/6, 107/6-2, 107/7, 107/7-2, 107/7-3, 107/8, 107/8-1, 108/3, 108/3-1 at Kottangal Village, Mallapally Taluk, Pathanamthitta District, Kerala.

This was placed in the 124th SEAC meeting held on 24 -27, August 2021. The decision of the Committee was – "since the issue highlighted by the proponent is purely administrative, SEAC does not have any role to recommend any measures".

Authority noticed that with Covid Extension of one year, the validity of EC expires on 05.03.2022. In the meantime the Project Proponent may submit relevant documents from respective authorities in proof of non functioning of quarry with a revised mining plan so that his proposal for extension of EC can be processed further.

Item No.02

Extension of Environmental Clearance for the removal of ordinary earth in Sy No-520/1,525/1 of Kozhukkully Village, Thrissur Taluk, Thrissur District, Kerala for an extent of 0.3642 Ha by Sri. Rajesh C.L, (Proposal No.SIA/KL/MIN/183182/2020, File No.2064/A2/2019/SEIAA)

Sri.Rajesh C.L S/o Lazar, Chalisssery House, Eravimangalam P.O, Thrissur – 680 751 submitted application in SEIAA through PARIVESH on 12.11.2020 for the extension of Environmental Clearance for the removal of ordinary earth in Sy No-520/1,525/1 of Kozhukkully Village, Thrissur Taluk, Thrissur District, Kerala for an extent of 0.3642 Ha.

Environmental Clearance was issued by SEIAA for the removal of 5000 m³ of ordinary earth in 01.11.2019 for a period of six months and the validity expired on 31.05.2020. The proponent stated that he was able to remove only 1548 m³ of earth because of delay in getting sanction from Mining & Geology Department due to COVID Pandemic situation.

The Proposal was placed in the 124th meeting of SEAC held on 24th to 27th August 2021. The Committee scrutinized the documents submitted by the proponent and decided to recommend the extension of EC with a project life of five years subject to the following specific conditions.

Authority decided to extend the EC period by two years from the date of issue of permit from the Department of Mining & Geology for the balance quantity to be removed as per the terms and conditions of EC already issued.

CONSIDERATION OF TOR PROPOSALS

Item No.01 TOR for Building Stone Quarry of Shri. Ashraf, P over an extent of 2.3203 Ha at Re. Sy. No 172 in Kodiyathur Village, Kozhikode Taluk, Kozhikode District, Kerala SIA/KL/MIN/61689/2021, 1897/EC4/2021/SEIAA

TOR proposal as recommended by SEAC is approved

Sd/- Sd/- Sd/-

Dr.H.Nagesh Prabhu IFS (Retd) Dr.V.Venu IAS Dr.Jayachandran.K Chairman, SEIAA Member Secretary, SEIAA Member, SEIAA