

**MINUTES OF THE 122nd MEETING OF THE SEAC KERALA HELD
DURING 15th, 16th, 17th&18th JUNE 2021 AT THE CONFERENCE HALL,
STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
THIRUVANANTHAPURAM**

PARIVESH FILES

AGENDA 4

1. SIA/KL/MIN/134486/2020,1790/EC4/2020/SEIAA

Environmental Clearance for the building stone quarry of Sri. Shamseer VK, projectis situated at Re Survey No. 2/18, 2/20, 2/46, 2/76, 2/77, 2/78 in Raroth Village, Thamarassery Taluk, Kozhikode District, and Kerala for an area of 0.9926 hectares

Decision: The proponent and the RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents /details:

- a. OB dumping site clarification
- b. Recent cluster certificate
- c. Details of water resources
- d. Detailed Project Report on the 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 instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- e. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- f. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- g. Biodiversity summary in tabular form
- h. Detailed water level measurement data of nearby open wells with geo coordinates
- i. Hazard Zonation Map
- j. Approved mining plan
- k. Greenbelt development plan

2. SIA/KL/MIN/136866/2020,1719/EC3/2020/SEIAA

Environment Clearance for mining permit of “Granite Building Stone Quarry of M/s. Kadanadu Granites” over an extent of 0.7452 Ha. (1.8413 Acres) in Block No.30, Re-Sy.Nos.327,1-1&327/1-1-1, Kadanadu Village, Meenachil Taluk,

Kottayam District, Kerala State,India.

Decision: The proponent and the RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents /details:

- a. OB & Garland canal to be redrawn
- b. Detailed Project Report on the 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 instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- c. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- d. Recent cluster certificate
- e. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- f. Biodiversity summary in tabular form
- g. Detailed water level measurement data of nearby open wells with geo coordinates.

3. SIA/KL/MIN/138256/2020,1702/EC4/2020/SEIAA

Building Stone Quarry of Mr. K.K. Mohammed ,overanextentof0.9199 Haat Re.Sy.No188/2 in Kodyathur Village, KozhikodeTaluk, Kozhikode District, Kerala.

Decision: The proponent and the RQP were present. The RQP made the presentation. The Committee entrusted Sri. K. Krishna Panicker and Dr. P.S Easa with the Field Inspection and also directed the proponent to submit the following additional documents /details:

- a. Detailed Project Report on the 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 instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- b. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- c. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- d. Biodiversity summary in tabular form

- e. Water level data of nearby open wells with geo coordinates
- f. Revised project cost
- g. Tree cutting details and Greenbelt plan with species details
- h. DSR

4. SIA/KL/MIN/148123/2020,1658/EC6/2020/SEIAA

Environmental clearance for Granite building stone quarry of Mr. Kunhalan .K, for an extent of 0.8165 Ha Re. Sy. Nos. 211/1, 211/3-2 (Block No. 59) of Pulpatta Village, Eranad Taluk, Malappuram District, Kerala

Decision:The proponent and the RQP were present. The RQP made the presentation.The Committee decided to direct the proponent to submit the following additional documents /details:

1. Detailed Project Report on the 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 instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
2. DSR

5. SIA/KL/MIN/148582/2020,1690/EC4/2020/SEIAA

Environmental Clearance for Laterite Building Stone Quarry of Mr .Gopi at Re-Sy. No- 33/1 of Naduvannur Village, Koyilandy Taluk, Kozhikode District of Kerala for an extent of 0.2429 Ha under B2 category

Decision: The proponent and the RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents /details:

- a. Details regarding post-mining activity
- b. Detailed Project Report on the 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 instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- c. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- d. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.

- e. Biodiversity summary in tabular form
- f. Water level data of nearby open wells with geo coordinates
- g. 500m Land use and Landover map
- h. Lithological section indicating the Laterite profile

6. SIA/KL/MIN/156447/2020,1731/EC3/2020/SEIAA

Environmental Clearance for the building stone quarry at Survey No.338/1A/20/D&D2 of Keerampara Village, Kothamangalam Taluk, Ernakulam District, Kerala for an Area of 0.9133 Ha. By Shymon Anto

Decision: The proponent and the RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents /details:

- a. Detailed Project Report on the 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 instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- b. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- c. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- d. Biodiversity summary in tabular form
- e. Detailed water level measurement data of nearby open wells with geo coordinates.
- f. Recent cluster certificate

7. SIA/KL/MIN/156655/2020,1754/EC3/2020/SEIAA

Granite Building stone quarry of Mr. Deepak Cheerothy at 171/2-2, 171/4 of Karukutty Village, Aluva Taluk & Ernakulam District for an extend of 0.9600ha

Decision: The proponent and the RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following additional documents /details:

- a. Recent cluster certificate
- b. OB dumping details
- c. Recent survey map
- d. Detailed Project Report on the 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 instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first

two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.

- e. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- f. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- g. Biodiversity summary in tabular form
- h. Detailed water level measurement data of nearby open wells with geo coordinates.
- i. Revise drainage plan with sufficient silt traps
- j. OB dumping location must be shown in the map

8. SIA/KL/MIN/162481/2020,1742/EC4/2020/SEIAA

Environmental Clearance for Laterite Building Stone Quarry of Sri Deepa N.K. at Sy. No23/798, 23/912 of Kalliad Village, Iritty Taluk, Kannur District of Kerala for an extent of 0.5567 Ha under B2 category

Decision: The proponent's representative and the RQP were present. The RQP made the presentation. The Committee directed the proponent to submit the following additional documents /details:

- a. Detailed Project Report on the 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 instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- b. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- c. A Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer.
- d. Biodiversity summary in tabular form
- e. Detailed water level measurement data of nearby open wells with geo coordinates
- f. Lithological section indicating the profile of the Laterite.

9. SIA/KL/MIN/167079/2020,1787/EC4/2020/SEIAA

Environmental Clearance for Laterite building stone quarry of Mr. George

Joseph, over an extent of 0.1942 Ha. Resy No-143/1 in Perumanna Village, Kozhikode Taluk, Kozhikode District, Kerala.

Decision: The proponent and the RQP were present. The RQP made the presentation. The Committee decided to recommend the issuance of EC subject to the following specific condition in addition to the general conditions:

- a. Submission of sworn affidavit regarding post-mining activity

10. SIA/KL/MIS/171583/2020, 1789/EC4/2020/SEIAA

Environmental Clearance for the Proposed Commercial cum Special Residential Building in Ward No. 16, Re.SyNo.128/1,2A, 2 Bat Panoor Municipality, Panoor Village, Thalassery Taluk, Kannur District, Kerala

Decision: The consultant and the proponent were present. The consultant made the presentation. The Committee decided to direct the proponent to submit the following documents/details:

- a. Details of STP, including details of Tertiary Treatment Unit (Ultra Filtration Unit), with pre-treatment facilities of PSF and PCF (in continuation to the primary and secondary type of treatment of sewage with MBBR type ASP), for establishing 150 KLD STP, 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. Re-examine the cost estimation given for STP, as Rs 52 lakh, considering the secondary and tertiary treatment, as proposed above.
- c. Undertaking that action will be taken for ensuring to use water efficient plumbing features and twin line plumbing system, for ensuring recycle/reuse of treated waste water.
- d. Earmark a convenient location in the site plan, with sufficient covered storage space, for non-degradable solid waste (dry waste), for ensuring hygienic storage and periodical handing over of the same to Recyclers/ Local body.
- e. Earmark a convenient location in the basement Floor / at site, for ensuring hygienic storage space for biodegradable waste (wet waste) and biogas plant, for ensuring usage of biogas, within the compound.
- ₹ Plan for developing a Compensatory Afforestation Plan, at suitable location inside/ outside the project area, following the norms of minimum of 1 plant per 80 sqm plinth area, specified in the KMBR.
- g. Give details of pumping test conducted, in the two available wells at the proposed site, for knowing yield, zone of influence of well and aquifer response, while pumping from a single well as well as from both.
- h. Details of storm water drainage plan in the proposed site, considering recharge potential of proposed water abstraction points in the boundaries and proposed rain water harvesting.
- i. Details of proposed delay pond, and settling facility proposed, for imparting primary settling of storm water.
- j. Plan / Undertaking that, action will be taken for planning and implementing proper facilities for tapping Solar Energy in the Roof Top of proposed building, (even though there is a mention of 60 kWp capacity solar water heating system in the EMP), for harnessing solar power for meeting partial energy requirement and for exploring possibility for linking it with KSEB power line.
- k. Revised CER following the latest MoEF&CC guidelines.

- l. Undertaking that action will be taken for ensuring to plan and implement a realistic and suitable green area development, with suitable species of trees and plants, specifically suitable for the area .Also committing that vegetation will be adopted appropriately on the ground as well as over built structure such as roofs, basements, podiums etc.
- m. Undertaking that action will be taken for ensuring to plan a climate responsive design as per Green Building Guidelines and also committing that exposed roof area and covered parking will be covered with material having high solar reflective index.
- n. Undertaking that action will be taken for ensuring that the building design will cater to the differently-abled citizens.
- o. Undertaking that action will be taken for ensuring that the design of the building will be done in compliance to Energy Building Code as applicable.

Dr. C. Bhaskaran
Chairman, SEAC