



Validity for Two years from the date of issue of permit from the Department of Mining & Geology

सत्यमेव जयते

PROCEEDINGS OF THE STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

Present: Dr.H.Nagesh Prabhu IFS (Chairman)

Dr.V.Venu IAS (Member Secretary)

Dr.Jayachandran.K (Member)

Sub: - SEIAA – Environmental Clearance for laterite building stone quarry project in Re.Sy.No.1/572 at Kalliyad Village, Iritty Taluk, Kannur District, Kerala by Sri.Aneesh P.V– Granted - Orders issued.

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

File. No. 1648/EC4/2020/SEIAA

dated, Thiruvananthapuram: 07.10.2021

Proposal No.SIA/KL/MIN/148227/2020

Ref: 1.O.M.No.L-11011/47/2011-1AII (M) dated 24.06.2013 of the Ministry of Environment & Forests, Government of India.

2. Application received on 10.03.2020, from Sri.Aneesh P.V
3. Minutes of the 115th meeting of SEAC held on 03rd,04th & 05th November 2020.
4. Minutes of the 116th meeting of SEAC held on 02nd,03rd & 07th December 2020.
5. Minutes of the 117th meeting of SEAC held on 28th,29th & 30th December 2020.
6. Minutes of the 120th meeting of SEAC held on 24th,25th & 26th March 2021.
7. Minutes of the 121st meeting of SEAC held on 22nd,23rd & 27th April 2021.
8. Minutes of the 124th meeting of SEAC held on 24th,25th,26th & 27th August 2021.
9. Minutes of the 112th meeting of SEIAA held on 14th,15th & 16th September 2021.
10. G.O (Rt.)No.29/2019/Envr dated 12.04.2019.

ENVIRONMENTAL CLEARANCE NO.57/L/2021

Sri.Aneesh P.V,S/o Karunakaran Nambiar,Jisha Nivas,Kusvanvayal P.O,Kannur-670593 has submitted an application for Environmental Clearance in SEIAA for mining of laterite stone

quarry from the property at Re.Sy No-1/572 in Kalliyad Village,Irity Taluk, Kannur District, Kerala from an area of 0.5828 ha.

Sl No.	Particulars	Details
1	Name of the project	Laterite Stone Mining project of Sri.Aneesh P.V
2	Name of the Sector & Schedule No.(in the EIA Notification, 2006)	Mining of Laterite stone B2 Category & Schedule 1(a)
3	Name & Address of the project Proponent	Sri.Aneesh P.V,S/o Karunakaran Nambiar,Jisha Nivas,Kusavanvayal P.O,Kannur-670593
4	Project Location	
	a)Block No. or Survey Nos.:	Re.Survey Nos. 1/572
	b) Revenue Village & Panchayat	Kalliyad Village
	c) Taluk	Irity Taluk
	d) District	Kannur
5	Geo Coordinates	Longitude 75°35'59.61"E to 75°36'3.65"E Latitude 12°0'47.27"N to 12°0'49.77"N
6	Project area	0.5828 Ha
7	Year wise production	20,398 MTA
8	Mineable reserve	87420 MT
9	Recoverable quantity	60984 MT
10	Mine Life	3 Years
11	Land	Patta Land
12	Expected cost of the project	20 Lakhs

13	Nearest House	260m
14	Field Inspection Details	Subcommittee visited the project site on 11.08.2021
15	Validity of Environmental Clearance	2 Years

2. 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 the following specific conditions:

- a. Mining should be carried out by providing benches at every 2m.
- b. Proper drainage from the mine site should be ensured.
- c. Sprinkling of water should be done on the unsurfaced road prior to each movement of truck.
- d. 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.
- e. 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.

3. The proposal was placed in the 112th meeting of SEIAA held on 14th, 15th & 16th September 2021. **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.*
- 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 *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.*

4. In this circumstances, the Authority is pleased to accord Environmental Clearance under Notification S.O. No.1533 (E) dated 26.09.2006 read with O.M. as per first paper above of the Ministry of Environment & Forest, Government of India, to Sri. Aneesh P.V,S/o Karunakaran Nambiar,Jisha Nivas,Kusavanvayal P.O,Kannur-670593 from the land at Re-Sy No.1/572 in Kalliyad Village,Iritty Taluk, Kannur District, Kerala for a period of **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 Specific Conditions at para 3rd above in addition to General Conditions.

General Conditions:

1. Proponent should obtain all necessary statutory clearances for mining.
2. Appropriate fencing all around the burrowed/excavated pit shall be made to prevent any mishap.
3. Proper retaining wall shall be provided for safeguarding the immediately adjacent property, other buildings and civil structures.
4. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation or as specified in mining plan.
5. Mining shall be done as per mining plan and suggestions by SEAC.
6. The mining activity should not involve blasting
7. The excavation shall not alter the natural drainage pattern of the area.
8. Appropriate measures shall be taken to prevent dust pollution caused during laterite cutting.
9. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to burrowing/excavation of laterite building stone.
10. Provide 2m x 2m benches for mining depth greater than 3m to prevent slope failures. For soil and soft formation the benches of height 1.5m to 2m are to provided to prevent collapse of wall.
11. Maximum depth of removal of laterite building stone should be limited to 1 m above the clay layer (Lithomargic clay layer).The level should be prominently

marked before initiating the work.

12. Removal of laterite building stone should be restricted to 2m above the ground water table at the site. The decision taken by the expert team of SEAC in this regard, in relation to details provided in the mining plan, after the field inspection shall be final.
 13. The top soil and overburden shall be stacked in separate demarcated area and shall be used for reclaiming the excavated pit. Proper measures shall be provided to prevent the erosion of the stacked material.
 14. The burrowed/excavated pit shall be restored by the project proponent for useful purpose(s) as specified in the mining plan.
 15. Measures shall be taken to prevent dust pollution by covering of burrowed/excavated laterite building stone during transportation.
 16. Applicable labour laws for mining shall be followed. Proper masks and onsite facilities shall be provided to the workers. All safety measures shall be followed while cutting laterite using machines.
 17. Mine has to be closed as per progressive mine closure plan and final mine closure plan.
 18. If EC period is more than 6 months, half yearly compliance report shall be submitted to SEIAA.
 19. The Environmental Clearance shall be liable to be cancelled in case of violation of any of the above conditions.
 20. The minimum distance norm from the boundary/periphery of other properties buildings/civil structures as prescribed in KMMC Rules and other statutory rules and orders shall be followed.
 21. Suitable indigenous plants should be planted around the mining area and sides of the haul road as green belt.
5. Violation of any of the above specific and general conditions as applicable to the particular case will entail cancellation of the Environmental Clearance, in addition to legal action under the provisions of the Environment (Protection) Act, 1986. Non-compliance, if any shall be reported to the District Collector, Kannur by the State Environment Impact assessment Authority.
 6. Compliance of the conditions here in will be monitored by the SEIAA or its agencies and also by the Regional Office, MoEF & CC. Necessary assistance for entry and inspection by

the concerned officials and staff should be provided by the project proponents.

7. The given address for correspondence with the authorised signatory of the project is
Sri.Aneesh P.V,S/o Karunakaran Nambiar,Jisha Nivas,Kusavanvayal P.O,Kannur-670593



Anil.P.Antony
Administrator, SEIAA
For, Member Secretary, SEIAA

To,

Sri.Aneesh P.V
S/o Karunakaran Nambiar
Jisha Nivas
Kusavanvayal P.O
Kannur-670593

Copy to:

1. District Collector,Kannur
2. The Director, Directorate of Environment & Climate Change, Trivandrum
3. Tahsildhar,Iritty Taluk,Kannur District
4. Director, Mining & Geology, Trivandrum
5. District Geologist , Kannur
6. Village Officer,Kalliyad Village,Iritty Taluk,Kannur District
7. Chairman, SEIAA
8. Stock File
9. Website
10. O/C

