



Valid for a period of one year from the date of issue of permit from Department of Mining and Geology

सत्यमेव जयते

PROCEEDINGS OF THE STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA THIRUVANANTHAPURAM

Sub: - SEIAA –Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Re-Survey Nos. 56/5-4, 3 of Sreekrishnapuram - II Village, Ottapalam Taluk, Palakkad District, Kerala for an extent of 0.0972 Ha by Shri. Sreenath K – Granted - Orders issued.

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/KL/MIN/132613/2019, 1683/EC1/2020/SEIAA

dated, Thiruvananthapuram : 05.02.2021

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- 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 20/12/2019 from Shri. Sreenath.K through PARIVESH
3. Minutes of the 114th SEAC meeting held on 6th – 8th October 2020.
4. Minutes of the 116th SEAC meeting held on 2nd, 3rd and 7th December, 2020
5. Minutes of the 106th meeting of SEIAA held on 19th, 20th & 21st January 2021
6. G.O (Rt.)No.29/2019/Envtd dated 12.04.2019.

ENVIRONMENTAL CLEARANCE NO. 02/L/2021

Sreenath .K, Changarath House, Kulakkattukurussi .P. O., Kadampazhipuram, Palakkad Pin- 678633, has submitted an application in SEIAA for Environmental Clearance as per the reference read as second paper above for proposed laterite (Building Stone) Quarry in Re-Survey Nos. 56/5-4, 3 of Sreekrishnapuram - II Village, Ottapalam Taluk, Palakkad District, Kerala for an extent of 0.0972 Ha.

SL.No.	Description	Details
1	Name of the Project	Laterite (Building Stone) Quarry
2	Proposed Activity	Mining of Laterite stone
3	Name of the Sector & Schedule No. (in the EIA Notification, 2006)	B2 Category of schedule 1(a)
4	Name & Address of the Project Proponent	Sreenath .K, Changarath House, Kulakkattukurussi .P. O., Kadampazhipuram, Palakkad Pin- 678633
5	Project Location	
	a) Re-Survey Nos:	56/5-4, 3
	b) Revenue Village	Sreekrishnapuram - II
	c) Taluk	Ottapalam
	d) District	Palakkad
6	Geo Co-ordinates	Latitude : 10°53'14.23"N to 10°53'14.69"N Longitude : 76°25'49.43"E to 76°25'50.03"E
7	Extent (in Acre/Hectare)	0.0972 Hectare
8.	Production capacity of Mine/Quarry	6804 MT per annum
9.	Purpose	The Laterite blocks are used as brick stone for construction purposes like building houses and commercial buildings.
10.	Project Cost (in Lakh)	Rs.3,54,366
11.	Water management	Ground Water should not encountered during the excavation. Settled rainwater that collects inside the pits

		will recharge the groundwater table.No pumping of water outside the plot. There should no pollution of ground water or surface water out of this operation.
12.	Air & Noise Management	During the excavation time, roads shall be wetted by spraying water for dust suppression. The noise level from the machineries during operations shall be in the range of 70-75Db.

2. The proposal was placed in the 116th SEAC meeting held on 2nd, 3rd and 7th December, 2020. The Committee decided to recommend the issuance of the EC subject to the general conditions.

3. The proposal was placed in the 106th SEIAA meeting held on 19th, 20th & 21st January 2021. The Authority accepted the recommendation of SEAC and decided to issue EC for the quantity mentioned in the approved Mining Plan for **a period of one year from the date of issue of permit from Department of Mining and Geology** with following specific conditions in addition to the general conditions.

1. *The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
2. *As per the 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 Honorable 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.*

3. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, 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 not less than 1-2% 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 report which will be subjected to field inspection at regular intervals.*
4. Environmental Clearance, under Notification S.O. No.1533 (E) dated 26.09.2006 read with O.M. as first paper above of the Ministry of Environment & Forest, Government of India, is hereby accorded to Sreenath .K, Changarath House, Kulakkattukurussi .P. O., Kadampazhipuram, Palakkad Pin- 678633, for the mining of Laterite stone from an area of 0.0972 Hectares of land in Sy. No. 56/5-4,3 at Sreekrishnapuram - II Village, Ottapalam Taluk, Palakkad District, Kerala as per the approved mining plan (as per the approved mining plan, the total quantity is 6804 MT) for a period of one year from the date of issue of permit from Department of Mining and Geology, subject to the specific conditions suggested by SEIAA in para 3rd above in addition to the following 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 be 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 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, Palakkad by the State Environment Impact Assessment Authority.



Anil P. Antony

**Administrator, SEIAA
For Member Secretary, SEIAA**

To,

Sreenath .K,
Changarath House,
Kulakkattukurussi .P. O.,
Kadampazhipuram,
Palakkad Pin- 678633

Copy to:

1. The District Collector, Palakkad
2. The Director, Directorate of Environment & Climate Change, Trivandrum
3. The Tahsildhar, Mannarkad Taluk, Palakkad District
4. The Director, Mining & Geology, Trivandrum
5. The District Geologist , Palakkad
6. The Village Officer, Sreekrishnapuram - II Village, Ottapalam Taluk, Palakkad
- ✓ 7. The Chairman, SEIAA
8. Stock File
9. Website
10. O/C