



**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**(Issued by the State Environment Impact Assessment**  
**Authority(SEIAA), KERALA)**

To,

The -1

RAVEENDRAN

Navya Nivas, Kosavanvayal PO, Kannur - 670593, Kerala -670593

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/KL/MIN/412623/2022 dated 28 Feb 2023. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC23B001KL185690
2. File No.	2199/EC4/2023/SEIAA
3. Project Type	New
4. Category	B
5. Project/Activity including Schedule No.	1(a) Mining of minerals
6. Name of Project	Laterite Building Stone of Raveendran V
7. Name of Company/Organization	RAVEENDRAN
8. Location of Project	KERALA
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 24/08/2023

(e-signed)  
 Dr Rathan U kelkar IAS  
 Member Secretary  
 SEIAA - (KERALA)

*Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.*

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सत्यमेव जयते

## PROCEEDINGS OF THE STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

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

*Dr.Rathan. U. Kelker (Member Secretary)*

*Shri.K.Krishna Panicker (Member)*

**Sub: - SEIAA – Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Raveendran V, Navya Nivas, Kosavanvayal P.O, Kannur -670593 – Granted - Orders issued.**

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### STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

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**Proposal No. SIA/KL/MIN/412623/2022**

**File No. 2199/EC4/2023/SEIAA**

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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 from Sri. Raveendran V received on 29.12.2022.

3. Minutes of the 144<sup>th</sup> SEAC meeting held on 6<sup>th</sup> – 8<sup>th</sup> June 2023.

4. Minutes of the 129<sup>th</sup> SEIAA meeting held on 26<sup>th</sup> & 27<sup>th</sup> July 2023.

5. G.O(Rt.) No.29/2019/Env dt.12.04.2019.

### **ENVIRONMENTAL CLEARANCE NO. 136/L/2023.**

Sri. Raveendran V, Navya Nivas, Kosavanvayal P.O, Kannur -670593 submitted an application for Environmental Clearance for the Laterite Building Stone Quarry Project, for an area of 0.0971 Ha at Block No: 92 in Re-Sy.Nos. 1/473, 1/474 in Kalliyad Village, Irritty Taluk, Kannur.

**The Project details are as follows:-**

Sl.No.	Particulars	Details
1	Name of the project	Laterite Building Stone Quarry Project of Sri. Raveendran V
2.	Name of the Sector & Schedule No.(in the EIA Notification, 2006)	Mining of Laterite Building Stone B2 Category & Schedule 1(a)
3	Name & Address of the Project Proponent	Sri. Raveendran V, Navya Nivas, Kosavanvayal P.O, Kannur -670593
4	<b>Project Location</b>	
	a) Re. Survey No.:	1/473, 1/474
	b) Revenue Village	Kalliyad
	c) Taluk	Iritty
	d) District	Kannur
5	Project Area	0.0971 Ha
6	Project Life	1 Year
7	Total Mineable Reserve	As per approved Mining Plan
8	Expected Cost of the Project	Rs.2.80 lakh
9	Geo Co-ordinates	Latitude: 12°0'50.00"N to 12°0'50.37"N Longitude: 75°36'1.22"E to 75°36'1.99"E

**CER Activities**

Sl.No	Area of Intervention	Amount (Rs.)
1.	Supply of 140 blocks of Laterite Building Stone to Arjun O T, Koliyadan House, Kosavanvayal P .O, Kannur – 670593	5600
	<b>Total</b>	<b>5600/-</b>

**EMP Details**

Sl.No	Description of Item	Amount (Rs.)
1	Environment Monitoring (Core and Buffer Zone)	5000
2	Air Pollution Control	5000
3	Water Pollution Control	10000
4	Green Belt Development Including cost of afforestation	5000
5	Solid Waste Management & Domestic Effluent Management	5000
6	Occupational Health and Safety	3000
7	Reclamation/Rehabilitation of mined out Area	5000
	<b>Total</b>	<b>38000/-</b>

2. In 144<sup>th</sup> meeting of SEAC, the Committee examined the proposal, verified the documents and heard the presentation on 06.06.2023 and noted that the mineable reserve is 7748 MT. The life of mine is one year and the project cost is Rs.2.80 lakh. The hazard zone is beyond 545M from the proposed area. The depth to water table is 30 m below the ground level. Based on discussions, the Committee recommended EC for the life of mine of one year subject to the certain Specific Conditions in addition to General Conditions.
3. In the 129<sup>th</sup> meeting of SEIAA, the Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. The Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan and the additional details/documents obtained from the Project Proponent during appraisal. As per

the approved mining plan, mine life is 1 year. The SEAC in its 144th meeting, recommended EC for the mine life of 1 year, subject to certain Specific Conditions in addition to the General Conditions. **The Authority decided to issue Environmental Clearance for the project life of 1 (one) year, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.**

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Mining should be limited to 1m above Lithomarge*
- 4. The excavation activity associated should not involve blasting.*
- 5. The excavation activity should be restricted to 2m above the groundwater table at the site.*
- 6. The excavation activity should not alter the natural drainage pattern of the area*
- 7. The excavated pit should be restored by the project proponent for a useful purpose.*
- 8. Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
- 9. Measures should be taken to prevent dust emission by covering excavated earth during transportation.*
- 10. Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth.*
- 11. Workers/labourers should be provided with facilities for drinking water and sanitation.*
- 12. A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.*
- 13. A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.*

- 14. No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
- 15. The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
- 16. The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
- 17. Measures incorporated in the CER should be implemented within 6 months from the date of EC.*
- 18. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm)*
- 19. As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
- 20. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16<sup>th</sup> January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble 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.*
- 21. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**4. In this circumstance, Environmental Clearance is accorded under Notification S.O. No.1533 (E) dated 14.09.2006 read with O.M. as per 1<sup>st</sup> paper read to Sri.**

**Raveendran V, Navya Nivas, Kosavanvayal P.O, Kannur -670593 for the mining of Laterite Building Stone, for the quantity mentioned in the approved Mining Plan from an area of 0.0971 Ha at Block No: 92 in Re-Sy.Nos. 1/473, 1/474 in Kalliyad Village, Iritty Taluk, Kannur for the period of 1 (one) year from the date of execution of permit/lease from Mining and Geology Department, as per S.O.1807(E) dated 12.04.2022 of MoEF & CC, subject to the Specific Conditions 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 provide to prevent collapse of wall.
11. Maximum depth of removal of laterite building stone should be limited to 1m 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 topsoil 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. Half Yearly Compliance Report is to be uploaded in the Parivesh Portal as per the existing norms.
  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 Specific & General Conditions as applicable to this 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 Proponent.

7. The given address for correspondence with the authorised signatory of the project is Sri. Raveendran V, Navya Nivas, Kosavanvayal P.O, Kannur -670593

**Sd/-**  
**Administrator, SEIAA**  
**For Member Secretary, SEIAA**

To,  
Sri. Raveendran V  
Navya Nivas  
Kosavanvayal P.O  
Kannur -670593

Copy to:

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