



सत्यमेव जयते

*Validity for One year from the date of issue of permit from the Department of Mining & Geology*

## **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.19/245 at Koodathai Village, Thamarassery Taluk, Kozhikode District, Kerala by Sri.Ramachandran P– Granted - Orders issued.**

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### **STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA**

**No. 1597/EC4/2020/SEIAA**

**dated, Thiruvananthapuram: 13.09.2021**

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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 19.02.2020, from Sri.Ramachandran.P.
3. Minutes of the 115<sup>th</sup> meeting of SEAC held on 03<sup>rd</sup>-05<sup>th</sup> November 2020.
4. Minutes of the 117<sup>th</sup> meeting of SEAC held on 28<sup>th</sup>, 29<sup>th</sup> & 30<sup>th</sup> December 2020.
5. Minutes of the 119<sup>th</sup> meeting of SEAC held on 23<sup>rd</sup>-25<sup>th</sup> February 2021.
6. Minutes of the 121<sup>st</sup> meeting of SEAC held on 22<sup>nd</sup>, 23<sup>rd</sup> & 27<sup>th</sup> April 2021.
7. Minutes of the 122<sup>nd</sup> meeting of SEAC held on 15<sup>th</sup>, 16<sup>th</sup> & 18<sup>th</sup> June 2021.
8. Minutes of the 123<sup>rd</sup> meeting of SEAC held on 27<sup>th</sup> -30<sup>th</sup> July 2021.
9. Minutes of the 111<sup>th</sup> meeting of SEAC held on 17<sup>th</sup> & 18<sup>th</sup> August 2021.
10. G.O (Rt.)No.29/2019/Env dated 12.04.2019.

### **ENVIRONMENTAL CLEARANCE NO.41/L/2021**

Sri.Ramachandran P, Peradi Mannil House, Chenoth, Chathamangalam P.O, Kozhikode-673601 has submitted an application for Environmental Clearance in SEIAA for mining of

laterite stone quarry from the property at Re.sy No-19/245 in Koodathai Village, Thamarassery Taluk, Kozhikode District, Kerala from an area of 0.8094 ha.

Sl No.	Particulars	Details
1	Name of the project	Laterite Stone Mining project of Sri.Ramachandran.P
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. Ramachandran P, Peradi mannil House, Chenoth,Chathamangalam P.O,Kozhikode-673601
4	Project Location	
	a)Block No. or Survey Nos.:	Re.Survey Nos. 19/245
	b) Revenue Village & Panchayat	Koodathai
	c) Taluk	Thamarassery
	d) District	Kozhikode
5	Project area	0.8094 Ha
6	Capacity of Mining lease	21,246 MTA
7	Period of Mining Lease	4 Year
8	Land	Private Individual Owner
9	Geo Coordinates	Longitude 75°57'50.03"E to 75°57'53.79"E Latitude 11°22'52.08"N to 11°22'55.56"N
10	Expected cost of the project	25,00,000/-
11	Method of Mining	Open Cast- Semi Mechanized
12	Field Inspection Details	Subcommittee visited the project site on 10.04.2021



12	Validity of Environmental Clearance	1 Year
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2. The proposal was placed in the 123<sup>rd</sup> meeting of SEAC held on 27<sup>th</sup>, 28<sup>th</sup>, 29<sup>th</sup> & 30<sup>th</sup> July 2021. The Committee scrutinized all the additional documents/details submitted by the Proponent and decided to recommend for issuance of EC subject to the following Specific Conditions:

- 1) Mining must be done in benches of 2m height and width
- 2) Ensure proper slope for natural drainage
- 3) Top soil must be used for reclaiming the mined out pit for planting trees.

3. The proposal was placed in the 111<sup>th</sup> meeting of SEIAA held on 17<sup>th</sup> & 18<sup>th</sup> August 2021. **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. *Mining must be done in benches of 2m height and width*
3. *Ensure proper slope for natural drainage*
4. *Top soil must be used for reclaiming the mined out pit for planting trees.*
5. *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 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. *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.*
  7. *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 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 the 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. Ramachandran P, Peradi mannill House, Chenoth, Chathamangalam P.O, Kozhikode-673601 from the land at Re-Sy No. No-19/245 in Koodathai Village, Thamarassery Taluk, Kozhikode District, Kerala for a period of **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 Specific Conditions at para 3<sup>rd</sup> above in addition to General Conditions.

#### **General condition**

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, Kozhikode 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.

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

To,

Sri.Ramachandran.P  
Peradimannil House  
Chenoth  
Chathamangalam P.O  
Kozhikode-673601

Copy to:

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

