



सत्यमेव जयते

Validity for two years 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.152/108 at Sivapuram Village, Thalassery Taluk, Kannur District, Kerala by Sri.Sindhudas O.K– Granted - Orders issued.

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

No. 1600/EC4/2020/SEIAA

dated, Thiruvananthapuram: 05.10.2021

Proposal No.SIA/KL/MIN/143844/2020

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 18.02.2020, from Sri.Sindhudas O.K
3. Minutes of the 115th meeting of SEAC held on 03rd -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 -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 -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/Env't dated 12.04.2019.

ENVIRONMENTAL CLEARANCE NO.50/L/2021

Sri.Sindhudas O.K, Proprietor, S/o Sivadasan, Siya Nivas, Sivapuram P.O, Kannur-670702

has submitted an application for Environmental Clearance in SEIAA for mining of laterite

stone quarry from the property at Re.Sy No-152/108 in Sivapuram Village, Thalassery Taluk, Kannur District, Kerala from an area of 0.4047 ha.

Sl No.	Particulars	Details
1	Name of the project	Laterite Stone Mining project of Sri.Sindhudas O.K
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. Sindhudas O.K, S/o Sivadasan, Siya Nivas, Sivapuram P.O, Kannur-670702
4	Project Location	
	a)Block No. or Survey Nos.:	Re.Survey Nos. 152/108
	b) Geo Coordinates	Longitude 75°36'3.64"E to 75°36'6.40"E Latitude 11°53'42.96"N to 11°53'45.38"N
	c) Revenue Village & Panchayat	Sivapuram Village
	d) Taluk	Thalassery
	e) District	Kannur
5	Project area	0.4047 Ha
6	Capacity of Mining lease	21,246 MTA
7	Period of Mining Lease	2 Years
8	Mineable reserve	60705 MT
9	Recoverable quantity	42492 MT
10	Expected cost of the project	25 Lakhs
11	Nearest house	700m

12	Field Inspection Details	Subcommittee visited the project site on 11.08.2021
13	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 2 years subject to the following Specific Conditions:

- a. A garland drain should be laid all around the mining site to drain the overland flow to the nearest natural drain.
- b. Mining should be carried out by providing benches at every 2m.
- c. Proper drainage from the mine site should be ensured.
- d. Sprinkling of water should be done on the unsurfaced road prior to each movement of truck.
- e. The proponent should undertake phased restoration and shall complete it before the completion of the mining operations.
- f. 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 the vegetation.
- g. Ensure zero growth of invasive weeds in the restored area by carefully operated Agronomic and restoration practices.

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 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. *A garland drain should be laid all around the mining site to drain the overland flow to the nearest natural drain.*
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.*
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 the vegetation.*
8. *Ensure zero growth of invasive weeds in the restored area by carefully operated*
9. *Agronomic and restoration practices.*
10. *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*
11. *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 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. Sindhudas O.K, S/o Sivadasan, Siya Nivas, Sivapuram P.O, Kannur-670702 from the land at Re-Sy No.152/108 in Sivapuram Village, Thalassery 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 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 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.Sindhudas O.K, S/o Sivadasan, Siya Nivas, Sivapuram P.O, Kannur-670702.



Anil.P.Antony

Administrator, SEIAA

For, Member Secretary, SEIAA

To,

Sri.Sindhudas O.K
S/o Sivadasan
Siya Nivas
Sivapuram P.O
Kannur-670702

Copy to:

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



**PROCEEDINGS OF THE ADMINISTRATOR, 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.152/108 at Sivapuram Village, Thalassery Taluk, Kannur District,
Kerala by Sri.Sidhudas O.K- Erratum issued**

State Environment Impact Assessment Authority, Kerala

No. 1600/EC4/2020/SEIAA

Proposal No.SIA/KL/MIN/143844/2020

Dated: 25.10.2021

Read: 1. Proceedings No.1600/EC4/2020/SEIAA dated 05.10.2021

2. Request dated 22.10.2021 from Sri.Sidhudas O.K

Erratum

The name Sidhudas O.K erroneously mentioned in the order read 1st above as Sindhudas O.K is hereby corrected as “Sidhudas O.K” where ever the name occurs in the said order.

The proceedings read above stands modified to the above extent only.

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

To,

Sri.Sidhudas O.K
S/o Sivadasan
Siya Nivas
Sivapuram P.O
Kannur-670702



Copy to:

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