

Minutes of the 178th Meeting of Goa State Expert Appraisal Committee (Goa-SEAC) held on the 31st May 2023 at 04.00 p.m. in the conference hall, 4th Floor, Dempo Towers, Patto - Panaji, Goa.

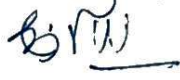
The 178th meeting of the Goa-SEAC was held on 31st May 2023 in the Conference room 4th floor of the Dempo Towers, Patto-Panaji at 04.00 p.m. under the Chairmanship of Shri. Gautam Desai. The list of members who attended the meeting is at "Annexure – 1".

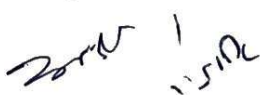
The meeting has been conducted at conference hall. The Chairman welcomed the members and requested to proceed as per the agenda items (refer Annexure – 2).

- 1. To decide on application received from Madkai Chullafond Laterite Stone Quarry by Shri. Shriram Kamat located at Survey No.218, Madkai, North Goa for prior Environment Clearance.**

Decision: After Scrutinizing the documents submitted by the Project Proponent the Committee has decided to recommend the Authority for grant of Environment Clearance under following **General and Specific** conditions.

1. '**Goa Mineral Concession (Amendment) Rules, 2012**' notified by the Directorate of Mines and Geology (DMG) and published in Official Gazette Series-I, No. 24 dated 17th September 2012.
2. Notification S. O. 733 (E) dated 10th March 2014 issued by the erstwhile Ministry of Environment and Forests (MoEF) and published in the Gazette of India – Extraordinary, No. 624, Part-II, Section 3, Sub-section (ii) dated 10th March 2014 **specifying the list of villages categorized as Ecologically Sensitive Areas (ESAs) in the State of Goa** (i.e. 1,461 sq.kms.) *vis-a-vis* list of projects and activities prohibited / regulated therein.
2. Further, the project proponent (*i.e. minor mineral quarry lease holder*) is required to mandatorily comply with the following '**General conditions**':-
 1. The lease holder should ascertain on-site demarcation and construction of lease boundary with cement poles / bio-fencing / barbed wire for the proposed leased area in question. The lease boundary may be subsequently geo-referenced for precise positioning and ground-truth verification. As such, the lease holder should ensure that minor mineral quarrying operations are restricted within the prescribed lease boundary.











2. The lease holder should ensure construction of approach road / proper access to enable transportation of quarried material from site to desired destination and/or crushing unit, as applicable. Transportation of quarried material shall be done by covering the trucks with tarpaulin so that no spillage of material / dust takes place on route.
3. The lease holder should comply with the proposed plan of action / modus operandi for extraction of laterite stones within the available lease boundary limits in terms of provisions of Mines and Safety Rules / Guidelines, as applicable. In addition, safety gadgets and health-care facilities should be provided to workers vis-a-vis maintaining hygiene surrounding the proposed lease boundary.
4. The lease holder shall undertake adequate safeguard measures during extraction of laterite stone and ensure that due to this activity, the hydro-geological regime of the surrounding area shall not be affected / altered / polluted. Blasting should not be permitted.
5. No quarrying be carried out within the safety zone of any bridge and/or embankment as well as within the vicinity of natural / man-made archaeological site(s).
6. The lease holder shall implement air pollution control measures / dust minimizing initiatives / noise control measures, wherever applicable, within the lease area as well as establish adequate buffer zone around the lease boundary to minimize such pollution hazards. It should be ensured that the Ambient Air Quality (AAQ) parameters (*to be measures in January, April and November every-year*) as well as Noise parameters conform to the norms prescribed by the Central Pollution Control Board (CPCB) and Noise Pollution (Control) Rules, 2000 respectively.
7. Green belt development around quarry shall be carried out considering CPCB guidelines including selection of plant species in consultation with Forest Department / Zonal Agricultural Office, as applicable.
8. The Project Proponent needs to install mist fans to minimize the dust pollution.
9. As referred to the Environment Management Plan (EMP) dust suppression measures (i.e. water sprinklers) to be undertaken during day time operations.
10. Waste water / effluents, if any, shall be properly collected, treated and monitored so as to conform to the standards prescribed by the MoEF / CPCB.
11. Environmental clearance (EC) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority, if applicable.

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12. The mining officer / in-charge of quarrying operations on-site shall submit six-monthly report in hard and soft copy formats w.r.t. specifying the status of compliance of the stipulated Environmental Clearance conditions (*i.e. Specific and General conditions*) to the Directorate of Mines and Geology (DMG), Goa, this Authority as well as Goa State Pollution Control Board (GSPCB).
13. Any change (*i.e. modification / expansion / alteration*) in lease area / quarrying operations / extraction capacity / modernization / scope of working / Environment Management Plan (EMP) shall require re-appraisal by this Authority as per the provisions of the EIA Notification, 2006 (*as amended till date*).
14. All necessary statutory clearances from relevant Authorities concerned shall be obtained before start of quarrying operations.
15. The Authority reserves the right to add any stringent conditions or to revoke the EC, if conditions stipulated are not implemented / complied with to the satisfaction of the Authority or for that matter, for any other administrative reasons.
16. Any appeal against this prior Environmental Clearance shall lie before the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010 (*Central Act 19 of 2010*).

2. **Project Proponent should implement Dust mitigation measures for mining activities such as:**

- a) Roads leading to or at quarrying sites must be paved and blacktopped (*i.e. metalled roads*).
- b) No excavation of soil shall be carried out without adequate mitigation measures in place.
- c) No loose soil or sand and any other waste material that causes dust shall not be left uncovered.
- d) Wind-breakers of appropriate height and maximum upto 10 meters shall be provided.
- e) Dust suppression measures (*i.e. water sprinklings*) to be undertaken regularly at specific interval during the daytime / quarry-operations.
- f) Dust mitigation measures shall be displayed prominently at the quarrying site for easy public viewing.
- g) Grinding and cutting of materials in open area shall be prohibited.
- h) Raw material and waste should be stored only within earmarked area and roads side storage of material and waste shall be prohibited.

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- i) No uncovered vehicles carrying excavated material and waste shall be permitted.
- j) Excavation and disposal site shall be identified and required dust mitigation measures shall be notified at the site.

3. In addition, the Project Proponent needs to comply with the following '**Specific conditions**'

1. The proposed extraction capacity of minor mineral (laterite stone) from the said leases (*i.e. from 1.1000 ha*) shall not exceed 7,500 M³ / annum.)
 2. As referred to in the Environment Management Plan (EMP), dust suppression measures (*i.e. water sprinklers*) to be undertaken regularly at specific interval during the daytime / quarry-operations.
 3. As per the Office Memorandum No. F.No.22-65/2017-IA.III dated 01/05/2018 Project Proponent is mandated to do Corporate Environmental Responsibility (CER).
 4. As per office memorandum issued by MoEF&CC dated 1st May 2018, some of the activities which can be carried out in CER, are infrastructure creation for Drinking Water Supply, Sanitation, Health, Education, Skill Development, Roads, Cross Drains, Electrification including Solar Power, Solid Waste Management Facilities, Scientific Support and Awareness to Local Farmers to increase yield of crop and fodder, Rain Water Harvesting, Soil Moisture Conservation Works, Avenue Plantation, Plantation in Community areas, etc.
 5. Before expiry of validity of the Environmental Clearance the Project Proponent shall back-fill the laterite quarry and restore to its original level and carry out plantation in consultation with Goa State Biodiversity Board.
 6. Fencing shall be provided around the quarry pit.
2. **To decide on TOR application received from Salgaocar Shipping Company Limited for Block II –Sirigao-Mayem Mineral Block bearing Survey No. 1, 2, 3, 4, 5, 6, 7, 46, 47, 48, 84, 90, 91, 92, 93, 94, 95, 96, 97, 98 & 12, 47, 60, 61, 62, 79, 80, 84, road, 48, 56, 57, 58 & 59 at Bicholim Goa**

Decision:- The Committee decided to seek additional details given below

1. The KML file uploaded shows presence of residential houses and temple within lease area, whereas point no. 08 mentions 'rehabilitation and resettlement (R & R) not involved clarification is sought on this.

A series of handwritten signatures and initials in blue ink, including a large signature on the left, a signature in the middle, a signature on the right, and a signature at the bottom right with an arrow pointing to the text above.

2. Clarify, why general conditions are not applicable.

Dr. Benjamin Braganca

Shri. Sanjay Amonkar

Dr. Subhash H. Bhosale

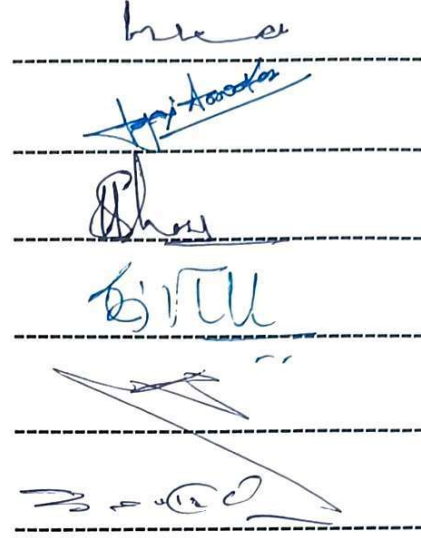
Dr. Chandrashekher U. Rivonker

Dr. Dipak C.S. Gaitonde

Shri Sujeetkumar Dongre

Shri. Gautam Vikas Desai
(Chairman Goa-SEAC)

Place: Patto-Panaji
Date: 31st May 2023




Shri. Sanjeev Joglekar
(Member Secretary Goa-SEAC)

Annexure – 1

The list of members who attended the meeting

Shri Gautam Vikas Desai	Chairman(Goa –SEAC)
Shri. Sanjeev Joglekar	Member Secretary(Goa –SEAC)
Dr. Benjamin Braganca	Expert Member (Goa –SEAC)
Shri.Sanjay Amonkar	Expert Member (Goa –SEAC)
Dr. Subhash H. Bhosale	Expert Member (Goa –SEAC)
Dr. Chandrashekher U. Rivonker	Expert Member (Goa –SEAC)
Dr. Dipak C.S. Gaitonde	Expert Member (Goa –SEAC)
Shri Sujeetkumar Dongre	Expert Member (Goa –SEAC)

Annexure - 2

1. To decide on application received from Madkai Chullafond Laterite Stone Quarry by Shri. Shriram Kamat located at Survey No.218, Madkai, North Goa for prior Environment Clearance.
2. To decide on TOR application received from Salgaocar Shipping Company Limited for Block II –Sirigao-Mayem Mineral Block bearing Survey No. 1, 2, 3, 4, 5, 6, 7, 46, 47, 48, 84, 90, 91, 92, 93, 94, 95, 96, 97, 98 & 12, 47, 60, 61, 62, 79, 80, 84, road, 48, 56, 57, 58 & 59 at Bicholim Goa.
3. Any other matter with permission of the chair.



