

Minutes of the 167th Meeting of Goa State Expert Appraisal Committee (Goa - SEAC) held on the 04th January 2023 at 03.30 p.m. in the conference hall, 4th Floor, Dempo Towers, Patto - Panaji, Goa.

The 167th meeting of the Goa-SEAC was held on 04th January 2023 in the Conference room 4th floor of the Dempo Towers, Patto - Panaji at 03.30 p.m. under the Chairmanship of Shri. Gautam Desai. The list of members who attended the meeting is at "Annexure - 1".

The Chairman welcomed the members and requested to proceed as per the agenda items (refer Annexure - 2).

- 1. To decide on application received from Meeravati Velip (1 ha) locating at Survey No. 30/1, Village Gokuldem, Quepem Taluka, South Goa for prior Environmental Clearance.**

The representative of Meeravati Velip Smt. Meeravati Velip along with her consultant shri. Omkar Jog appeared before the Committee and explained about the project. The Committee had inspected the site on 30th December 2022.

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** vis-a-vis list of projects and activities prohibited / regulated therein.
- 3. Notification S.O 3977 (E) dated 14th August 2018** issued by the Ministry of Environment, Forests and Climate Change (MoEF&CC) issued under sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 read with clause (d) of sub-rule (3) of rule 5 of the Environment

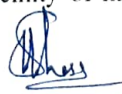


(Protection) Rules, 1986.


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 basalt 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 basalt stone and ensure that due to this activity, the hydro-geological regime of the surrounding area shall not be affected/ altered/ polluted. Quarrying operations should be limited to **day-hours time** (06 a.m. to 06 p.m. only) with specified time reserved for 'blasting'. Regular monitoring of groundwater levels and its physico-chemical quality parameters shall be carried out around the quarry lease area (for minimum two locations of permanent water sources/ open well/ borewell). If there are no groundwater sources, then nearest perennial surface water sources (*i.e. stream/ river/ pond/ lake/ reservoir/ irrigational canal*) should be monitored for similar parameters on quarterly basis and/or seasonally (*i.e. pre-monsoon/ monsoon and post-monsoon*).
 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 lease holder shall obtain necessary prior permission (NOC) from the Groundwater Cell of the Water Resources Department (WRD) for drawl of surface / groundwater from within the lease area.
9. Waste water / effluents, if any, shall be properly collected, treated and monitored so as to conform to the standards prescribed by the MoEF / CPCB.
10. Environmental clearance (EC) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority, if applicable.
11. 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).
12. 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*).
13. All necessary statutory clearances from relevant Authorities concerned shall be obtained before start of quarrying operations.



14. 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.

15. 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*).

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

1. The proposed extraction capacity of minor mineral (basalt stone) from the said leases (*i.e. from 1 ha*) shall not exceed 15,000 cubic meter / 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. Validity of the Environmental Clearance (EC) accorded shall be for a period of **07 (Seven)** years from the date of its issue.
4. Trenches for drainage along the haul road to diver water to settling tank shall be provided.

Recommendation : Recommended

2. **To decide on application received from Mr. Due Marathe (3.6 ha), locating at Survey No. 22/1, Cotorem, Village Sattari North Goa for prior Environmental Clearance.**

The representative of Mr. Due Marathe Shri Due Marathe along with his consultant shri. Omkar Jog appeared before the Committee and explained about the project. The Committee had inspected the site on 29th December 2022.

Decision: After Scrutinizing the documents submitted by the Project Proponent the Committee has decided to recommend the Authority for grant of Environment

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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. The lease holder shall obtain necessary prior permission (NOC) from the Groundwater Cell of the Water Resources Department (WRD) for drawl of surface / groundwater from within the lease area.

11. Waste water / effluents, if any, shall be properly collected, treated and monitored so as to conform to the standards prescribed by the MoEF / CPCB.

12. Environmental clearance (EC) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority, if applicable.

13. 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).

14. 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*).

15. All necessary statutory clearances from relevant Authorities concerned shall be obtained before start of quarrying operations.

16. 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.

17. 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*).

3. In addition, the PP 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 3.6 ha*) shall not exceed 15,000 M³ / annum.)

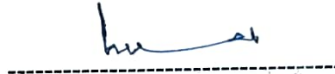
2. As referred to in the Environment Management Plan (EMP), dust suppression measures (*i.e. water sprinklers*) to be undertaken regularly at specific interval during the daytime / quarry-operations.

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. Fencing shall be provided around the quarry pit.

The meeting ended with a vote of thanks to the chair.

Dr. Benjamin Braganca



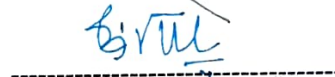
Shri. Sanjay Amonkar



Dr. Dipak C.S. Gaitonde



Dr. Chandrashekher U. Rivonker



Dr. Subhash H. Bhosale



Shri. Gautam Vikas Desai
(Chairman Goa-SEAC)



Shri. Sanjeev Joglekar
(Member Secretary Goa-SEAC)

Place: Patto-Panaji

Date: 04th January 2023

Annexure – 1

The list of members who attended the meeting

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

Annexure - 2

1. To decide on application received from Meeravati Velip locating at Survey No. 30/1, Village Gokuldem, Quepem Taluka, South Goa for prior Environmental Clearance.
2. To decide on application received from Due Marathe, locating at Survey No. 22/1, Cotorem, Village Sattari North Goa for prior Environmental Clearance.
3. Any other matter with permission of the chair.

