

**REVISED MINUTES OF THE 87<sup>th</sup> GOA STATE ENVIRONMENT IMPACT  
ASSESSMENT AUTHORITY (GOA-SEIAA) MEETING FOR AGENDA ITEM  
NUMBER 2 HELD ON 26/09/2022 AT 03.30 P.M. IN THE CONFERENCE ROOM  
OF THE 4<sup>th</sup> FLOOR, DEMPO TOWER, PATTO, PANAJI-GOA.**

1. **To decide on application received from M/s MRF Ltd. locating at Survey No. 258/0, 259/1 and 259/2-A, Tisk Usgao, Ponda Goa for prior EC.**

The following **General and specific conditions** shall be replacing the conditions stipulated in the 87<sup>th</sup> minutes of meeting of Goa SEIAA which was held on 26/09/2022 at 3.30 PM.

**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 17<sup>th</sup> September 2012.
2. Notification S.O 3977 (E) dated 14<sup>th</sup> 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 is required to mandatorily comply with the following **'General conditions'**:-
  1. The Project Proponent (PP) should ascertain on-site demarcation of boundary with cement poles / bio-fencing / barbed wire for the proposed area in question. The boundary may be subsequently geo-referenced for precise positioning and ground-truth verification. As such, the PP holder should ensure that minor mineral quarrying operations are restricted within the prescribed boundary.
  2. The Project Proponent 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 Project Proponent holder should comply with the proposed plan of action / modus operandi for extraction of laterite/Murum within the available 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 boundary.
  4. The Project Proponent holder shall undertake adequate safeguard measures during extraction of laterite/Murum and ensure that due to this activity, the hydro-geological regime and surface water of the surrounding area shall not be affected / altered / polluted. Blasting should not be permitted.

5. The Project Proponent shall implement air pollution control measures / dust minimizing initiatives / noise control measures, wherever applicable, within the area as well as establish adequate buffer zone around the boundary to minimize such pollution hazards. It should be ensured that the Ambient Air Quality (AAQ) parameters (*to be measured before and after commencement of extraction*) as well as Noise parameters conform to the norms prescribed by the Central Pollution Control Board (CPCB) and Noise Pollution (Control) Rules, 2000 respectively.
  6. Green belt development shall be carried out considering CPCB guidelines including selection of plant species in consultation with Forest Department / Zonal Agricultural Office, as applicable.
  7. The Project Proponent shall obtain necessary prior permission (NOC) from the Groundwater Cell of the Water Resources Department (WRD) for drawl of surface / groundwater from within the area.
  8. Surface runoff, if any, shall be properly diverted in the natural drainage and monitored to ensure that there is no adverse impact on the water quality.
  9. The in-charge of 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).
  10. Any change (*i.e. modification / expansion / alteration*) in area / 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*).
  11. All necessary statutory clearances from relevant Authorities concerned shall be obtained before start of operations.
  12. 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.
  13. 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*).
  14. Six monthly compliance reports should be submitted to the MoEF&CC with copy to the Goa-SEIAA and GSPCB.
3. In addition, the PP needs to comply with the following '**Specific conditions**' –
1. The proposed extraction capacity of minor mineral (laterite/Murum) from the said area shall not exceed 4,00,000 M<sup>3</sup>/annum.
  2. From the proposed leveling of 4.9 ha 3,64,944 m<sup>3</sup> of Murum/ laterite boulder will be generated of this 47,475 m<sup>3</sup> will be used within the plot premises for back filling and the rest will be dispatched outside for disposal through contractor, the location of the proposed site for disposal of material with survey numbers and permission from the concern departments should be submitted to this Authority prior to the disposal.
  3. The PP need to contact directorate of Mines & Geology & Public Work department to dispose off the excavated material either by back filling the abandoned quarry or road works of PWD.

4. The PP should comply with all Environment management measures submitted by them to this Authority.
5. As referred to in the Environment Management Plan (EMP), dust suppression measures (*i.e. water sprinklers*) to be undertaken during the daytime / operations.
6. The PP needs to install mist fan to minimize the dust pollution.
7. The Trucks /tippers engaged in transportation of minor mineral shall have sufficient free board after filling the cargo box to avoid spillage.
8. All trucks/tippers engaged in the transportation of minor mineral shall be covered with tarpaulin and the tarpaulin shall be properly fastened to the cargo box to ensure the minor mineral does not get air borne or spill on the road.
9. In case of break down of loaded trucks / tippers unloading of minor mineral at the road side shall be strictly avoided.
10. The road within minor mineral areas shall be sprinkled with water to suppress dust pollution.
11. Spillage of minor mineral on the public roads shall be removed immediately on occurrence.
12. The Project Proponent should make suitable arrangements for sweeping of roads affected due to transportation of minor mineral.
13. The Project Proponent should manage the daily trips in staggered manner in consultation with DMG, so that traffic congestion is avoided at major junctions.
14. The Project Proponent shall carry out monitoring along the route through the Ministry of Environment, Forests and Climate Change approved laboratory .
15. The location for monitoring of air quality shall be in consultation with GSPCB.
16. Road sweeping machines, may be jointly/severally developed in hotspot area/stretches.
17. The PP is required to carry out manual wheel washing in order to clean the wheels of the trucks and subdue dust arising out of it wherever wheel washing stations are not installed.
18. In case air quality standards are breached the transport frequency should be reduced and the transporters to be levied polluter pays penalty.
19. The PP needs to carry out Continuous water spraying during cutting, excavation and leveling operation.
20. The PP needs to carry out Ambient Air quality (AAQ) monitoring twice a week at various locations in consultation with GSPCB and submit monthly monitoring report to this Authority.
21. The PP needs to carry out water quality monitoring through MoEF&CC and NABET accredited consultant on weekly basis at upstream and downstream of Khandepar river at location identified by GSPCB and reports to be filed to this Authority on monthly basis.
22. The PP needs to carry out Noise level monitoring for 8 hours during transportation and excavation activity at day time and report to be submitted to this Authority.



23. Barricade the site from unused sides to prevent any lateral dispersion of air pollutants.
24. The contours of peripheral boundary along the river should be kept at higher reduced level compared to the proposed final reduced level of the project site. This peripheral boundary upto a width of 1 meter shall be excavated at the end of 5 year so as not to lead unforeseen monsoon runoff during the operation phase. This peripheral boundary will act as natural barrier to cut of any runoff to the river.

*Sd/-*  
(Smt. Reshma Mathew)  
**Member, Goa-SEIAA**

*Sd/-*  
(Shri. Suhas Godse)  
**Chairman, Goa-SEIAA**

*Sd/-*  
(Dasharath M. Redkar)  
**Member Secretary, Goa-SEIAA**

### **AGENDA**

**AGENDA OF THE 87<sup>th</sup> GOA STATE ENVIRONMENT IMPACT ASSESSMENT  
AUTHORITY (GOA-SEIAA) MEETING ON 26/09/2022 AT 3.30 P.M. IN THE  
CONFERENCE ROOM OF THE 4<sup>th</sup> FLOOR, DEMPO TOWER, PATTO,  
PANAJI-GOA.**

1. To decide on application received from M/s MRF Ltd. locating at Survey No. 258/0, 259/1 and 259/2-A, Tisk Usgao, Ponda Goa for prior EC.
2. To decide on application received for expansion of Environment Clearance from Priyadarshani Hi tech Associates basalt stone quarry at Vantem bearing Survey No. 119(Part) Vantem, Sattari Goa.
3. Any other matter with permission of the chair.