

**MINUTES OF THE 96<sup>TH</sup> GOA STATE ENVIRONMENT IMPACT ASSESSMENT  
AUTHORITY (GOA-SEIAA) MEETING HELD ON 01/02/2023 AT 10:30 A.M. IN  
THE CONFERENCE ROOM OF THE 4<sup>TH</sup> FLOOR, DEMPO TOWER, PATTO,  
PANAJI-GOA**

The 96<sup>th</sup> meeting of the Goa - SEIAA (*hereinafter referred as 'Authority'*) was held on 01<sup>st</sup> February 2023 at 10:30 am in the conference room, 4<sup>th</sup> floor, Dempo Tower, Patto, Panaji. The list of members present during the meeting is annexed (*refer Annexure - 1*).

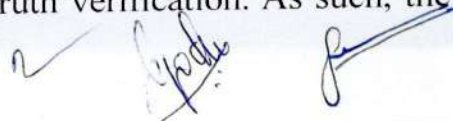
At the outset, Chairman welcomed Authority members and briefed about the agenda items (*refer Annexure - 2*) to be taken up for discussion / deliberations and suitable decision. Accordingly, the same were considered as detailed below.

**1. To decide on application received from Deu Marathe, locating at Survey No. 22/1, Cotorem, village, Sattari North Goa for prior Environmental Clearance**

The Project Proponent Shri. Deu Marathe along with his consultant Shri. Omkar Jog appeared before the Authority and explained the details of the project.

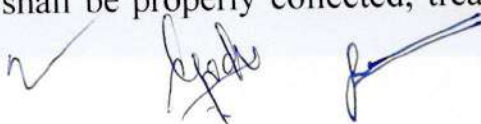
**Decision:** After discussion and considering recommendation given by the Goa State Expert Appraisal Committee, the Authority decided to grant Environment Clearance to this proposal under certain general and specific conditions.

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. 733 (E) dated 10<sup>th</sup> 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 10<sup>th</sup> 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.
3. Further, the project proponent (*i.e. minor mineral quarry lease holder*) is required to mandatorily comply with the following '**General conditions**':
  - a) 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.

- b) 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.
- c) 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.
- d) 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.
- e) 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).
- f) 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.
- g) 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.
- h) The Project Proponent needs to install mist fans to minimize the dust pollution.
- i) As referred to the Environment Management Plan (EMP) dust suppression measures (i.e. water sprinklers) to be undertaken during day time operations.
- j) 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.
- k) Waste water / effluents, if any, shall be properly collected, treated and monitored

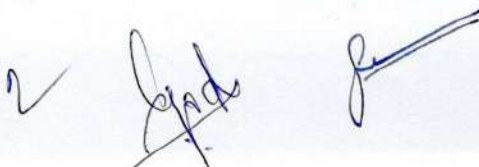


so as to conform to the standards prescribed by the MoEF / CPCB.

- l) Environmental clearance (EC) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority, if applicable.
- m) 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).
- n) 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*).
- o) All necessary statutory clearances from relevant Authorities concerned shall be obtained before start of quarrying operations.
- p) 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.
- q) 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*).

4. In addition, the PP needs to comply with the following '**Specific conditions**'

- a) The proposed extraction capacity of minor mineral (laterite stone) from the said leases (*i.e. from 3.6 ha*) shall not exceed 15,000 M<sup>3</sup> / annum.)
- b) 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.
- c) 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).
- d) Fencing shall be provided around the quarry pit.
- e) Settling pond of dimension (5mx5m) should be provided to collect the runoff water from the garland drains.



**2. To decide on application for Amendment in ToR from Deltin Town located at Plot bearing Survey No. 243/1A, 263/1, 264/1, 265/1, 265/2, 265/25, 265/26, 266/1, 267/1, 267/1-A, 268/1, 268/2, 268/3, 268/4, 269/1, 280/1, 280/1-A and 280/1-B, Dhargalim village, Pernem Goa**

The representative of Deltin Town Shri. Premanand Gawas(Sr.Manager) appeared before Authority and explained the details of the project.

**Decision:** After scrutinizing the application submitted by the Project Proponent the Authority has decided to grant following Terms of Reference for conducting Environment Impact Assessment Study.

**Terms of reference for conducting Environment Impact Assessment study**

**I. Project Details**

- i. Need and benefits of the project.
- ii. Submit data for built-up area for each building, the use and occupancy classification in line with NBC 2016 also to be indicated [for differential functional requirements].
- iii. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

**II. Land Environment**

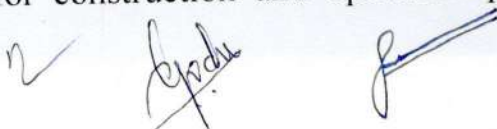
- i. Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.
- ii. Assessment and Impact Study of land use under the agriculture cultivation and socio- ecological implication of the project.

**III. Land acquisition and R&R**

- i. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/villages and present status of such activities.

**IV. Environmental Monitoring and Management**

- i. Examine baseline environmental quality along with projected incremental load due to the project.
- ii. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
- iii. Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
- iv. Examine separately the details for construction and operation phases both for



Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.

- v. Possible carbon footprint contribution from each activities and mitigation measures proposed shall be included as part of Environment Management Plan.

#### **V. Drainage**

- i. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project.

#### **VI. Forest**

- i. Submit the details of the trees to be felled for the project, if any . ix. Submit the present land use and permission required for any conversion such as forest, agriculture etc.

#### **VII. Water Environment**

- i. Ground water classification as per the Central Ground Water Authority.

#### **VIII. Water Management**

- i. Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
- ii. Rain water harvesting proposals should be made with due safeguards for ground water quality.
- iii. Maximize recycling of water and utilization of rain water. Examine details.
- iv. Examine soil characteristics and depth of ground water table for rainwater harvesting.
- v. Permission from CGWA for abstraction of groundwater, if any, including dewatering during basement excavation.

#### **IX. Waste Management**

- i. Examine details of solid waste generation treatment and its disposal.
- ii. Construction & Demolition Waste Management Plan shall be prepared as part of EMP providing details of demolition activities involved along with quantification and disposal mechanism.

#### **X. Energy Requirements**

- i. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.
- ii. Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.



- iii. DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment.

## **XI. Road and Traffic**

- i. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
- ii. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic. xxiii. Examine the details of transport of materials for construction which should include source and availability.

## **XII. Disaster Management Plan**

- i. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster. This should cover details of vulnerabilities due to natural and manmade hazards (earthquake, flooding, cyclone, landslides, fire etc.) and details of disaster mitigation efforts for buildings and infrastructure through structural sufficiency and Fire and Life Safety compliance in line with National Building Code NBC, 2016.

## **XIII. Court Cases**

- ii. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.

## **XIV. Specific Conditions**

- i. The Project Proponent should maintain the water bodies existing on site in its original natural condition by providing fencing.

### **3. To decide on application received from Delia Fernandes locating at Survey No.99/0, Barcem, Quepem South Goa for prior Environmental Clearance**

The Project Proponent Mrs. Delia Fernandes along with her consultant Shri. Omkar Jog appeared before the Authority and explained the details of the project.

**Decision:** After perusal the documents submitted by the Project Proponent, the Authority has decided to ask the following ADS from the PP:

- 1. Demarcation of proposed access road along with measurements to the quarry on survey plan.

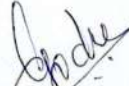


2. Notarized NOC for construction of access road from the property owner where required.

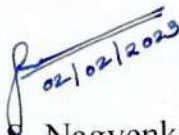
*The meeting ended with thanks to chair.*



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



(Shri. Sunas Godse)  
**Chairman, Goa-SEIAA**

  
02/02/2023

(Dr. Geeta S. Nagvenkar)  
**Member Secretary, Goa-SEIAA**

Place: Patto-Panaji

Date: 01<sup>st</sup> February 2023

### **Annexure - 1**

Shri. Suhas Godse

Dr. Geeta S. Nagvenkar

Smt. Reshma Mathew

Chairman, Goa-SEIAA

Member Secretary, Goa-SEIAA

Member, Goa-SEIAA

### **Annexure - 2**

#### **AGENDA OF THE 96<sup>TH</sup> GOA STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (GOA-SEIAA) MEETING ON 01/02/2023 AT 10.30 A.M. IN THE CONFERENCE ROOM OF THE 4<sup>TH</sup> FLOOR, DEMPO TOWER, PATTO, PANAJI-GOA**

1. To decide on application received from Deu Marathe, locating at Survey No. 22/1, Cotorem, village, Sattari North Goa for prior Environmental Clearance.
2. To decide on application for Amendment in ToR from Deltin Town located at Plot bearing Survey No. 243/1A, 263/1, 264/1, 265/1, 265/2, 265/25, 265/26, 266/1, 267/1, 267/1-A, 268/1, 268/2, 268/3, 268/4, 269/1, 280/1, 280/1-A and 280/1-B, Dhargalim village, Pernem Goa.
3. To decide on application received from Delia Fernandes locating at Survey No.99/0, Barcem, Quepem South Goa for prior Environmental Clearance.
4. Any other matter with permission of the chair.