

**Minutes of the 81<sup>st</sup> Goa State Expert Appraisal Committee  
(Goa-SEAC) meeting held on 29<sup>th</sup> November 2016 at 10.00 a.m. in the  
conference room of Goa-PCB, Patto.**

The eighty-first meeting of the Goa-SEAC (*hereinafter referred as "Committee"*) was held on 29<sup>th</sup> November 2016 in the conference room of Goa State Pollution Control Board (GSPCB) from 10.00 a.m. onwards under the Chairmanship of Prof. Antonio Jaime Afonso. The list of members who attended the meeting is at "Annexure – I".

At the outset, Chairman welcomed the Members requested Secretary, SEAC to proceed as per the Agenda items (*refer Annexure – 2*).

1. Subsequently, M/s, Aditya Environmental Services Pvt. Ltd, Mumbai made the project-specific presentation on behalf of **M/s DLF Private Ltd.**, seeking environmental clearance (*subsequent to expiry of the EC issued by the MoEF during May 2008*) for proposed commercial development at plot no. 35 (*total plot area – 18,120 sq.mts. – BUA – 74,411 sq.mts.*), EDC Patto, Panaji. Following the presentation, the Committee sought compliance / submission to the following observations prior to appraise the proposal further:
  - a. Structural Stability certificate for the revised plan.
  - b. Detailed Traffic Management Plan including peak hour / vehicular movements patterns during construction and post-construction phases.
  - c. Submit authorized Soil investigation report.
  - d. Detailed air-conditioning load calculations and detailed heat-load calculations due to glazing of building along with measures proposed for its effective reduction.
  - e. Proposed Odour control measures and air changes.
  - f. Disaster Management Plan (DMP) including safeguards proposed in the event of flooding.
  - g. Drainage and Debris management plan.
  - h. Proposed Corporate Social Responsibility (CSR) initiatives.
  - i. Prioritize native flora for landscaping.

In addition, the Committee is of the considered opinion that the fire and safety is an area of major concern in the project proposal and hence, merits mandatory compliances to the following fire-safety and health-related initiatives -

- (i) Jockey pump should be 30 Horse Power, 3200 Lt. capacity and stand-by pump of 2200 LPM pressure dedicated sprinkler pump connected to gravity supply from the overhead tank.
- (ii) Fire escape staircases should be pressurised and the landing enclosures should have 1-hr. fire resistance enclosures. All fire escapes should have foot light system.
- (iii) Since proposed occupancy is of a mixed type with mercantile and business group fire protection classification, fire load, occupancy load and structural load should be carried out.
- (iv) Number of fire-escapes should be specified as per occupancy load and evacuation time.
- (v) For the atrium smoke eviction IR beam smoke detector be provided, coupled with automatic smoke ventilation / eviction system.
- (vi) There shall be pictorial / fluorescent signages for exits and fire escape besides other areas of fixtures.
- (vii) All AC ducts should be coupled with photoelectric / smoke detector for automatic shutdown of fire dampers.
- (viii) All the electrical equipments should be protected with non-conducting extinguishers – potassium bicarbonate / HCFC extinguishers.
- (ix) All the vertical openings in the building shall be sealed with the fire-resistant material.

Accordingly, **the Committee has decided to await the submission of compliance to above-mentioned observations for further needful.**

2. Later, Committee perused the compliance submitted by **M/s Umiya Holdings Pvt. Ltd.**, in response to observations made during project-specific presentation in 75<sup>th</sup> SEAC meeting held on 22<sup>nd</sup> September 2016. On verification and deliberation on the same, **the Committee has decided to recommend the proposal to the Authority** for grant of prior environmental clearance.

3. Subsequently, Committee perused the compliance submitted by **M/s Manglam Build Developers Ltd.**, for proposed group housing-cum-commercial project at Bainguinim to post-presentation observations made during 80<sup>th</sup> meeting held on 22<sup>nd</sup> November 2016. On verification of the same, **the Committee has decided to recommend the proposal to the Authority notwithstanding the submission of suitable compliance** to (a) Traffic Management Plan including peak-hour movements, (b) providing smoke detectors to the staircase area and fire water tank and (c) positive ventilation for each cluster unit and fire alerting system at assembly points which can be considered as ‘Specific conditions’, if the proposal is considered for grant of EC.

The meeting ended with vote of thanks to the Chair.

**Dr. Manoj Borkar**

\_\_\_\_\_ *Sd./-* \_\_\_\_\_

**Mrs. A.A.B. Barreto**

\_\_\_\_\_ *Sd./-* \_\_\_\_\_

**Dr. P. K. John**

\_\_\_\_\_ *Sd./-* \_\_\_\_\_

**Dr. Jagannath Hirkude**

\_\_\_\_\_ *Sd./-* \_\_\_\_\_

**Mr. Suhas Gaonkar**

\_\_\_\_\_ *Sd./-* \_\_\_\_\_

*Sd./-*  
**Mr. Antonio Jaime C. Afonso**  
Chairman, Goa-SEAC

*Sd./-*  
**Dr. Mohan Girap**  
Secretary, Goa-SEAC

Place: Patto, Panaji  
Date: December 2016

## ANNEXURE – 1

### List of members present during the 81<sup>st</sup> Goa-SEAC meeting held on 29<sup>th</sup> November 2016

- |                                  |   |                  |
|----------------------------------|---|------------------|
| 1. Prof. Antonio Jaime C. Afonso | - | <b>Chairman</b>  |
| 2. Dr. Manoj R. Borkar           | - | <i>Member</i>    |
| 3. Mrs. A. A. B. Barreto         | - | <i>Member</i>    |
| 4. Dr. P. K. John                | - | <i>Member</i>    |
| 5. Dr. Jagannath Hirkude         | - | <i>Member</i>    |
| 6. Mr. Suhas Gaonkar             | - | <i>Member</i>    |
| 7. Dr. Mohan Girap               | - | <i>Secretary</i> |