

## **GOA STATE BIODIVERSITY BOARD**

C/o Department of Science, Technology & Environment  
Opp. Saligao Seminary, Saligao, Bardez, Goa – 403511.

Website: - [www.gsbb.goa.gov.in](http://www.gsbb.goa.gov.in) E-mail: - [goanbiodiversity@gmail.com](mailto:goanbiodiversity@gmail.com)

Phone No-(0832)2407032 Fax-2407033

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**No. 7/17/2018-19/GSBB/ISS/006/**

**Dated: 02/05/2018**

### **DETAILED NOTE AND TERMS AND CONDITIONS FOR THE EXPRESSION OF INTEREST.**

#### **Background:**

Goa State Biodiversity Board, an Autonomous Statutory Body of the Government of Goa established under Section 22 of the Biological Diversity Act, 2002, has been directed by the National Green Tribunal (NGT), Western Zone Bench, Pune, to undertake a specific study of Colva Lake, through the Expert Agency vide Order No. 96/2014, in appeal to 13/2014 (WZ), Village Panchayat of Colva, Sernabatim, Vanelim and Gandaulim V/s Goa State Biodiversity Board and others.

#### **Objectives:**

- To generate the data on floral and faunal biota of study area, including the migratory avifaunal species.
- To identify the species of conservation concern (endangered species if any).
- To carry out a detailed Hydrodynamic study of the area to ascertain the effects of change in Hydrodynamics on Biodiversity.
- To study the possible impact of conversion of landuse from a lake to a playground on the existing biodiversity and surrounding ecosystem.
- To quantify the loss to biodiversity and ecosystem in general due to the above mentioned change in land use.
- To suggest compensatory provisions to address detrimental impacts if any, alternative options, workable recommendations based on proper analysis of relevant secondary data, conducting research based on reliable sources. Also it is necessary to generate sufficient primary data during the study to support recommendations.

## **Details about the Study:**

**Study area:** Colva Lake, Colva, Salcete, Goa

**Survey Nos:** 137/1 to 11; 139/1 to 5 and 15/2 to 4

**Total area-** 30,935.00 sq mts.

**Duration of Study:-** Maximum one year or necessary time to encompass the three seasons (Monsoon, Summer & Winter).

Necessary to include consultation output from relevant stakeholders and affected people with proof of the same to be included with the report.

## **Parameters for study (Data as per each season)**

1. Comprehensive Flora (vegetation) study  
Inventory of terrestrial and aquatic flora  
  
Identification of species of conservation concern (rare or endangered species)
2. Comprehensive Fauna (Animals) study  
Inventory of terrestrial, aquatic and avifauna  
  
Identification of species of conservation concern (rare or endangered species)
3. Terrain Analysis/Hydrodynamics  
Geomorphology – creating gis based maps overlaid on survey and contour as well as digital elevation maps (also area specific other maps to be provided).  
  
Drainage pattern  
  
Hydrogeology  
  
Soil Classification/profile  
  
Erosion potential

**Terms & conditions:**

1. Goa State Biodiversity Board reserves the right to modify, expand, restrict, scrap, re-advertise or cancel the EOI process at any stage without assigning any reasons whatsoever and the Board will not entertain any claim arising out of such action from any of the applicants.
2. The selected agency/ organization may have to sign agreement with the Authorized officer of Goa State Biodiversity Board.
3. The application received after the stipulated time period or the application not in accordance with the specified format will be summarily rejected.
4. The application as per the format shall be submitted in a sealed cover. The sealed cover shall be super-scribed as “EOI for Colva Lake Study –in compliance to National Green Tribunal Order”.
5. The signed and sealed EOI applications need to be submitted to Member Secretary, Goa State Biodiversity Board, C/o Department of Science, Technology & Environment, Saligao, Bardez, Goa on or before 20/05/2018.
6. The soft copy and at least 15 hard copies of finally approved report needs to be submitted to GSBB. GSBB official deputed will be overseeing the progress, monthly work progress based on initial workplan shall be submitted by agency to GSBB. If found unsatisfactory, technically substandard or inadequate, GSBB reserves the right to deduct suitable amount from selected agency and even terminate the contract during the course of work.
7. The decision taken by GSBB in any of matters related to the above study shall be final and binding.