

- **Proposal format of Butterfly Conservation Area**

- **1. Brief objectives and scope of work:**

A) The West Bengal Biodiversity Board intends to short list Educational Institutes for establishment of Butterfly Conservation Area.

B) Project Background:

Butterflies (Lepidoptera: Rhopalocera) are considered as indicators of a healthy environment and ecosystems. Unlike large mammalian species, these delicate creatures are not only confined by Protected Areas, but also found in areas with human habitation. Due to ever-rising human population their natural habitats are lost in many areas. Now-a-days butterfly gardens are considered as integrated management practice to protect this form of wildlife. The host plants and nectar plants (local variety) of butterflies are given protection in their native habitats, and caterpillars are reared on them. West Bengal Biodiversity Board has taken initiatives to establish 'Butterfly Conservation Area' at selected sites of West Bengal to expedite the momentum for implementation of one of the major objective of the Biological Diversity Act, 2002 through conserving these charismatic species along with their habitats. This will also help students to experience activity-based learning (biodiversity education) and generate awareness on biodiversity and environment as a whole. The project will be implemented by educational institutes. Funding (for one year) and other technical supports will be provided by the Board.

C) Objectives:

- Conservation of locally available butterfly species and other insects along with their habitats.
- Conservation of the plants (locally threatened due to over-exploitation) which are essential for completion of life-cycles of the said butterflies.
- Promotion of activity-based learning (biodiversity education) among the students.
- Hands-on-training for the students to nurture the living creatures (eggs, caterpillars, pupae and adults of butterflies, as well as the plants) which will, in turn, change their overall attitude towards conservation.
- Generation of awareness regarding biodiversity among the students and local people as well.

2. **Duration of the Project:** One (01) year

3. **Financial and Expertise support for establishment of the Garden will be provided by the Board.**

4. **Terms and Conditions:**

The following shall be the terms and conditions of giving financial assistance, which may be modified by the Board, depending on the circumstances.

- (a) The Institute shall furnish an undertaking, in the name of the competent authority responsible for actual execution of the agreed terms, accepting the terms and conditions lay down by the Board.

- (b) The Institute shall utilize the financial assistance for the specified purposes only; deviation if any subject to approval of the Board.
- (c) The Institute shall be solely responsible for ensuring execution of the agreed
- (d) The Institute shall give an undertaking that records related to this project will be open to inspection by the officers of Board.
- (e) **After completion of the project, the Institute has to submit a comprehensive report along with Utilization Certificate and audited Statement of Expenditure.**

5. Eligibility Criteria:

- A) Schools (Government/Government aided/Non Government) recognized by Department of School Education, Government of West Bengal may apply.
- B) Institutes should have basic interest towards nature conservation.
- C) 1500sq. ft. (LxW: 50ft.x30ft.) of minimum available area. The identified area must be well protected, get adequate sunlight during day-time and has water source/supply.
- D) The Institutes should also have a working (students) group who can regularly monitor and maintain the garden under the supervision of teachers/co-ordinators.
- E) Preference will be given to those institutes which have prior experiences in environment related activities (such as Eco Clubs etc.).

6. List of required documents (as **Annexure-I**) are to be provided along with the proposal.

7. Institutes should submit the proposal in prescribed format as given in **Annexure-II**.

8. Place, last date and time for submission and opening of EOI:

- A) Sealed envelope of proposal super scribed "**Proposal for Establishment of Butterfly Conservation Area**", along with required documents, should reach to **The Member Secretary, West Bengal Biodiversity Board, 'Prani Sampad Bhawan', 5th Floor, LB-2, Sector-III, Salt Lake City, Kolkata-700106.**
- B) West Bengal Biodiversity Board reserves the right, without any obligation or liability, to accept or reject any or all of the proposal/s at any stage of the process, to cancel or modify the process or any part thereof, or to modify any of the terms and conditions at any time, without assigning any reasons whatsoever.

9. Institutes may be called for **Discussion Meeting**, if required, in the Office of the Board before finalization of the assignment.

10. The Board may inspect the site as and when required.

Annexure - I

List of items on which information, data, certificate and supporting documents are to be furnished. The items listed are not exhaustive. Other relevant information, data and supporting documents which would be relevant for consideration may also be furnished in addition to those listed here.

Sl. no.	ITEMS
1	Experience of Educational Institutes (a) Proof of registration/affiliation of the Institutes. (b) Details sketch of the proposed area/spot along with the photographs. (c) Give documented proofs about environment related activities in the region/area/locality undertaken by the Institute (if any). (d) Institutions have to submit the estimate budget break-up (*) for this proposal.
2	Experience of key personnel (a) Bio-data of Supervising Teacher/Coordinator, highlighting the relevant experience
3	Declaration (a) Declaration of the competent Authority of the Institute to abide by the terms and conditions related to these activities. (b) Declaration of the competent Authority of the Institute to sustain the activities from the second year onwards without any financial support from the Board.

* Format of the estimate budget break-up for the proposal:

Sl. No	Particulars	Amount
	Heads	
1	Bamboo fencing	
2	Manpower for garden Maintenance	
3	Landscaping and soil preparation	
4	Plantation	
5	Dissemination of information (erection of display board, awareness material etc.)	
6	Photography and report preparation	
7	Miscellaneous	
Total		

Application Form for Establishment of Butterfly Conservation Area

(To be submitted in Official Letterhead)

1. Name of the Institute:
2. Full address of the Institute:
3. Registration no. (with date):
4. Name of the Supervising Teacher/Coordinator (along with contact details):
5. Available Area for the garden:sq. ft.
 - a) Is it within the premises? Yes/No
 - b) Is it well protected? Yes/No
 - c) Does the area get adequate sunlight during day? Yes/No
 - d) What is the source of water?
6. Any environment related activities of the Establishment (such as, Eco-Club etc.): Yes/No
(If yes, give details)
7. Future plans to sustain the garden from second year onwards:
8. Any other information, if any:

Signature
(Head of the Institution)