



# West Bengal Biodiversity Board

(Department of Environment, Government of West Bengal)

No. : 318 /3K(Bio)-5/2017

Date : 06/4/2018

From: Dr. S. N. Ghosh,  
Sr. Research Officer

To: Prof. Jai Prakash Keshri  
Professor & DBT Co-ordinator,  
Department of Botany,  
The University of Burdwan,  
Golapbag, Burdwan – 713104, W.B.

**Sub:-** Approval for 'Investigations on the Algal biodiversity of Himalayan districts of West Bengal'.

Sir,

With reference to above I am directed to convey approval of the State Board for the above cited project with a total project cost of Rs. 7,52,000/- (Rupees Seven Lakh Fifty Two Thousand Only) and sanction a financial assistance of Rs. 4,14,000/- (Rupees Four Lakh Fourteen Thousand Only) for the first year project work under the following terms & conditions.

**A) Name of the Project :**

Investigations on the Algal biodiversity of Himalayan districts of West Bengal.

**B) Scope of the Project:**

- To document the diversity of algae of the Himalayan districts of WB --- Darjeeling, Jalpaiguri and Alipurduar;
- To investigate the distribution (spatial & temporal) of algae and their habitat preferences together with their role as indicators of the environment;
- To examine the multiplicity factors involved in their distribution;
- To quantify the species concerned and the threats on those;
- To understand the correlation between the physico-chemical parameters and their occurrence and reproduction;
- To understand the relationship with other plants;
- To characterize the biodiversity hot spot in terms of algae and associated plants;
- To prepare a monographic account of these micro-organisms considering all the utilitarian aspects.

**C) Area to be studied:** Himalayan districts of West Bengal - Darjeeling, Jalpaiguri and Alipurduar.

**D) Duration of the Project:** 2 (two) years.

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**E) Financial Assistance for the Project [1<sup>st</sup> Year]**

- a) Rs. 4,14,000/- (Rupees Four Lakh Fourteen Thousand Only) inclusive of all.
- b) No additional payment will be made for any other purpose.

**F) Payment Terms :**

Payment shall be made by A/c. Payee cheque only against **Claim and Money Receipt (in advance)**.

- a) Rs. 2,07,000/- (Rupees Two Lakh Seven Thousand Only) will be released as the 1<sup>st</sup> installment for initiating the project.
- b) Rs. 1,65,000/- (Rupees One Lakh Sixty Five Thousand Only) will be released as 2<sup>nd</sup> installment on submission of an interim report after six (6) months.
- c) Rest of the project cost i.e. Rs. 42,000/- (Rupees Forty Two Thousand Only) will be released after submission of the **1<sup>st</sup> Year Report** along with the **Statement of Expenditure and Utilization Certificate** for the entire amount of financial assistance of the 1<sup>st</sup> Year

**G) Other Terms & Conditions :**

- a) The Board has no liability & responsibility for any recruitment for this project work.
- b) No instrumentation as well as infrastructural support will be extended by the Board.
- c) During the course of the project the terms & conditions of the Board should be maintained strictly.
- d) The data collected during the project, being the Board's property, its uses, reproduction for publication in any form will require prior approval from the Board; otherwise the Board may take necessary action.
- e) Purchase of any article during the course of the project should be adhered by the tender policy of the government. Proper stock is to be maintained for the same. The Board may ask for submission of the article/s after termination of the project work as per discretion.
- f) Soft copy of the Final Report must accompany along with the hard copy.
- g) In case of dispute, if any, decision of the Member Secretary, West Bengal Biodiversity Board shall be final and binding.
- h) The duration of the project ( 2 years) will be calculated from the date of release of the 1<sup>st</sup> installment of the project cost.

**H) Termination :**

- a) West Bengal Biodiversity Board shall have the right to change the scope of work including termination of work as deemed fit in case of any breach of contract.
- b) If at any time it is noticed that the project is discontinued without prior intimation to the Board, the project may be cancelled without showing any further reason.

Kindly send an acceptance of this approval letter within 15 days from the date of issuing this letter along with a **Money Receipt** (Advance copy) & **Claim** for releasing the first installment of the sanctioned amount for the 1st year's project cost.



( S. N. Ghosh )

Senior Research Officer



Revised budget on “**Investigation on algal Biodiversity of Himalayan districts of West Bengal**” (As recommended by Research Advisory Committee)

Sl. No.	Item	Estimated Expenditure (in Rupees)		
		1 <sup>st</sup> year	2 <sup>nd</sup> year	Subtotal
1.	<b>Manpower:</b> Project fellow @ Rs. 14,000.00 p.m. (2 years)	1,68,000.00	1,68,000.00	3,36,000.00
2.	Hiring Services	@ Rs. 300.00 x 200 man days i.e., 60,000.00	@ Rs. 300.00 x 165 man days i.e., 49,500.00	1,09,500.00
3.	Field work and travel	50,000.00	50,000.00	1,00,000.00
4.	Chemical and Glassware	40,000.00	40,000.00	80,000.00
5.	Contingency	30,000.00	30,500.00	60,500.00
6.	<b>Equipments:</b> i) Multiparameter device	30,000.00		30,000.00
7.	Overhead	36,000.00		36,000.00
<b>Total</b>		<b>4,14,000.00</b>	<b>3,38,000.00</b>	<b>7,52,000.00</b>