

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 08-Mar-2017

ORDER

Subject: Financial Sanction of the research project titled **"Modelling of Greenhouse Gas Emissions from Paddy Fields through Conventional, System of Rice Intensification and Zero-tillage Practices in Burdwan District, West Bengal, India"** under the guidance of Dr. Sudipto Mandal, DEPARTMENT OF ENVIRONMENTAL SCIENCE, Burdwan University, Dde complex, Golapbag, post: rajbati, dist: burdwan, Bardhaman, West bengal-713104 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 3812100/- (Rs. Thirty Eight Lakh Twelve Thousand One Hundred Only)** with break-up of **Rs. 2066500/- under Capital (Non-recurring) head** and **Rs. 1745600/- under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 3812100/-** has been approved are given below:

The following budget may be considered for **Burdwan University, DDE Complex, Golapbag, Post: Rajbati, Dist: Burdwan**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> ORP meter with Accessories -> Multiple Gas Analyzer (CO ₂ , CH ₄ , N ₂ O) with Data Logging Software Components with Sampling Unit -> Rice Grain Planter -> Laptop -> UPS	2066500
A'	Total (Non-Recurring)	2066500
B	Recurring Items	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies, Other Cost)	1399600
2	Recurring - B : (Overhead Charges)	346000
B'	Total (Recurring)	1745600
C	Total cost of the project (A' + B')	3812100

2. Sanction of the SERB is also accorded to the payment of

- **Rs. 2066500/-** (Rupees Twenty Lakh Sixty Six Thousand Five Hundred only) under 'Grants for creation of capital assets' and **Rs. 120000/-** (Rupees One Lakh Twenty Thousand only) under 'Grants-in-aid General' to **REGISTRAR, Burdwan University, DDE Complex, Golapbag, Post: Rajbati, Dist: Burdwan**

being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**

This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Earth & Atmospheric Sciences)

4. The Sanction has been issued to Burdwan University, DDE Complex, Golapbag, Post: Rajbati, Dist: Burdwan with the approval of the competent authority under delegated powers on **02 March, 2017** and vide Diary No. **SERB/F/9151/2016-17** dated **07 March, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 2186500/-** (Rupees Twenty One Lakh Eighty Six Thousand Five Hundred only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	THE UNIVERSITY OF BURDWAN
Account Number	420110100019490
Bank Name & Branch	BANK OF INDIA BURDWAN BRANCH, KALNA ROAD, BADAMTALA, BURDWAN, WEST BENGAL, PIN- 713101, TEL- 0342-2664189
IFSC/RTGS Code	BKID0004201
Email id of A/C Holder	fo@buruniv.ac.in
Email id of PI	sudipto11@gmail.com

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/002618 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. Rajwant SERB)

Scientist E

rajwant@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Sudipto Mandal DEPARTMENT OF ENVIRONMENTAL SCIENCE Burdwan University, Dde complex, Golapbag, post: rajbati, dist: burdwan, Bardhaman, West bengal- 713104 Email: sudipto11@gmail.com Mobile: 919433332532 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	REGISTRAR, Burdwan University, DDE Complex, Golapbag, Post: Rajbati, Dist: Burdwan (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Rajwant SERB)

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