

5 PHYSICS 23-24

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mk.shrivastava@itr.drdo.in



Government of India
Ministry of Defence
Defence R & D Organisation
Integrated Test Range
Chandipur - 756025
Dist - Balasore (ODISHA)

PMD/CARS/059/2023

Dated: 25 Jul 2023

To,

Dr Anindya Bose
Principal Investigator,
Department of Physics,
The University of Burdwan
Golapbag, Burdwan (WB) - 713104

Forwarding of Sanction of CARS Project

1. Reference is made to the CARS Project titled "A study on the applicability of IRNSS/NavIC time for Test Range Application through IRIG-B Signal Generation)" proposed by you vide RSP offer No. AB/2022/34 dated 06th Sep 2022.
2. The above mentioned CARS projects is duly approved and signed by the competent authority on 04th Jul 2023. (Copy of Contract letter is enclosed herewith for your reference).
3. In view of this, it is requested to submit the proforma invoice as per the contact terms defined in the project for early release of first milestone payment i.e. initial advance payment.
4. You are further requested to furnish the bank details including Account No, IFSC Code and address etc. for release of payment through RTGS/ECS.
5. You will also be required to submit audited Fund Utilization Certificate periodically before release of subsequent milestone payments.
6. Kindly acknowledge the receipt of the same.

MK Shrivastava
25/07/2023
MK Shrivastava
Sc 'G' & Group Director (HR & PL)
For Director, ITR

TO: Soumitra Roy

Summary offer of Provision of Research Services

1. Title of DRDO's Research Service Qualitative Requirement (RSQR): A STUDY ON THE APPLICABILITY OF IRNSS/ NAVIC TIME FOR TEST RANGE APPLICATIONS THROUGH IRIG-B SIGNAL GENERATION			Offer Number: Date received: Revised on:	
2. RSQR Document ref. No. ITR/CT/CARS/01	Date of Issue YY MM DD 2022 09 05		Issuing DRDO Lab/ Est/ Project: Integrated Test Range, Chandipur	
			Remarks of RSQR initiator:	
3. Name of Research Service Provider (RSP) making this offer: PI: Dr Anindya Bose Co-PI: Dr Tanmoy Sarkar The University of Burdwan, Burdwan			4. RSP's ref. No. AB/2022/34 dt 06 Sept. 2002	
3 (a) RSP's address for correspondence: Department of Physics, The University of Burdwan, Golapbag, Burdwan Pin code: 713104 Telephone: (0)9434004478 Email: abose@phys.buruniv.ac.in			Judgment of OEC: 5. (a) Key personnel of RSP to be deployed: Dr. Anindya Bose, Senior Scientific Officer, Dr Tanmoy Sarkar Department of Physics, The University of Burdwan, Burdwan-713104 5. (b) RSP's sub-contractors/ consultant: a) Name: Dr P Banerjee Institute: Former Sc G, NPL, New Delhi b) Name: NIL	
6. Principal technical features of offer as related to RSQR (Detailed in attachment A): Attached				
7. DRDO -owned equipment that RSP requires to be positioned by DRDO (Detailed, with estimated cost, in Attachment B): NOT APPLICABLE				
8. Estimated time to completed provision of research services and submit final report:			Month: 18 months from date of release of initial advance	
9.1 estimated expenditure (as elaborated on reverse) on:				
a) Personnel (1 JRF) including training			Rs. 6,02,640/-	
b) Equipment			NIL	
c) Other (Excluding institute overhead): Contingency Rs 1,35,000 (Rs 45,000 @ Rs 2500 x 18 months) + Research Consultant Rs 90,000 (@ Rs 5000 pm x 18 months) + Consumables and fabrication expenses - Rs 1,50,000+Travel Rs 1,10,000]			Rs. 3,95,000/-	
			Total Rs. 9,97,640/-	
9.2 Required schedule of Payments (Rs. in lakh)			Payment	
a) Initial advance			Rs 3,00,000/-	
b) at Performance milestone I of RSQR			6 months Rs 3,00,000/-	
c) at Performance milestone II of RSQR			14 months Rs 3,00,000/-	
d) on submission of Final Report			17 months Rs 97,640/-	
			Total Rs 9,97,640/-	
10. Reference to R&D work being performed by RSP for Armed Services/ DRDO/ other S&T (including foreign) agencies: Completed: 01 CARS project for RCI-DRDO (2011-2012) 01 project with SAC-ISRO (2017-2020) 01 project with DRDO (2017-2020) 01 project with AICTE (2017-2020) 01 CARS Project for ITR-DRDO (2020-2022) Ongoing: 01 project with SERB-DST (2021-2024) 01 project with NGP-DST (2023-2025)			11. Offer as above valid till (date): 12. Signature competent authority of RSP: Sujit Kumar Chowdhury 04/07/23 Name: Dr Sujit Kumar Chowdhury Designation: Registrar, The University of Burdwan	

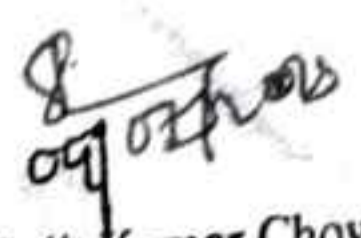

REGISTRAR
THE UNIVERSITY OF BURDWAN
BURDWAN - 713104



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Contract for Acquisition of Research Services (CARS)

By signature of authority identified at (11) below, DRDO here by contract on the Research Service Provider identified at (3), the provision of the Research Services described at (6), within the time stated at (8) for payments at (9.2), and subject to other conditions overleaf, as follows:

1. Short title of Research Service to provided: A study on the applicability of IRNSS/ NavIC time for Test Range applications through IRIG-B signal generation		Contract Number: RD/PI-23/ITR-459 dt. 04.07.2023
2. RSQR Document Ref. No ITR/CT/CARS/01	Date of issue YY MM DD 2022 09 05	Issuing DRDO Lab/ Estt/ Project: Integrated Test Range, Chandipur Dates of CARS Amendments
3. Name and address of Research Service Provider (RSP): PI: Dr Anindya Bose, Senior Scientific Officer, Deptt of Physics, The University of Burdwan, Burdwan 713104, West Bengal Co PI: Dr Tanmoy Sarkar, Scientific Officer (Selection Grade), Deptt of Physics, The University of Burdwan, Burdwan 713104, West Bengal		4. RSP's Offer Ref. AB/2022/34 dt 06/09/2022
5. (a) This contract will require a formal amendment if the following key professionals are not available to RSP: Nil (b) RSP is authorized to engage these professionals as research consultants (names, institutes / companies): Dr. P Banerjee, Former Scientist G, National Physical Laboratory, New Delhi		
6. Principal technical features of Research Service to be provided Detailed in Annexure I		
7. DRDO will make available the following DRDO-owned equipment to RSP Detailed in Annexure I		
8. The technical performance of this contract shall be complete when RSP submits the Final Report before (date):		18 months from the date of release of initial advance
9.1 Expenditure on items below shall not exceed sums shown against each		
a) Personnel [JRF: pay Rs. 31,000 p.m. + HRA @8%] x 18 months		Rs. 6,02,640/-
b) Equipment		NIL
c) Others: Rs 1,35,000 (Contingency: Rs 45,000 @Rs 2,500 pm x 18 months + Research Consultant Rs 90,000 @ Rs 5000 pm x 18 months) + Consumables and fabrication cost-Rs1,50,000+Travel Rs 1,10,000		Rs. 3,95,000/-
Total		Rs. 9,97,640/-
9.2 Schedule of payments (Rs. In lakhs)		Payment ^a
a) Initial advance (30%)		Rs 3,00,000
b) at Performance Milestone M1 (30%)		Rs 3,00,000
c) at Performance Milestone M3 (30%)		Rs 3,00,000
d) On submission of Final Report (10%) (Refer also entry 8 above)		Rs 97,640
Total:		Rs 9,97,640/-
@ Payment will be made within 45 days of receipt by L/E/P of Contingent Bill		
10. DRDO will deem this contract, including amendments thereto, to have been consummated when signed below by the authority of the academic institution (e.g. Registrar) competent to enter into this contract: Signature:		11. Signature of L/E/P contract administrator
 Name: Dr Sujit Kumar Chowdhury		 Name: Sh H K Ratha
REGISTRAR THE UNIVERSITY OF BURDWAN BURDWAN - 713104		H K RATHA, SCIENTIST - H (DS) निदेशक (अंतर), चण्डीपुर DIRECTOR ITR, CHANDIPUR

200
6 PHYSICS 23-24Subhasis Mukherjee, Physics,
Das, E-16032

DAAD Proj, TPN-86734

GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
DST/INT/DAAD/P-01/2023 (G)
(International Cooperation Division)Technology Bhawan, New Delhi
Dated: 20/10/2023Sanction Order

Subject: Financial assistance for the project entitled "Generation of tunable mid-IR radiation by cascaded optical parametric oscillators" submitted by Dr. Subhasis Das, THE UNIVERSITY BURDWAN, BURDWAN, BARDHAMAN, WEST BENGAL, 713104 Release of the First installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of Rs. 12,40,000/- (Rupees Twelve Lakh Forty Thousand only) for a duration of 2 Years . The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component : ₹ 12,40,000/-
Capital Component : ₹ 0.00/-

Items	Budget Summary (in Rs.)		
	Year-1	Year-2	Total
1- Non-Recurring			
Subtotal (Capital)	0	0	
2- Recurring			
Travel	620000	620000	1240000
Subtotal (General)	620000	620000	1240000
Total Project Cost (Cap.+ Gen.)	620000	620000	1240000

Headings	Estimated expenditure		
	1 st year	2 nd year	Total
1. Expenses for Indian scientists to visit Germany under the project			
Per visit:			
International air-fare (by IATA excursion/ economy class by shortest route) including surface travel from place of work in India to place of work in Germany and back (Rs. 1,00,000/-)	2 visits 30+50 days 2,20,000/-	2 visits 30+50 days 2,20,000/-	4 visits 160 days 4,40,000/-
Visa charges (Rs. 7,000/-)			

dc
20/10/2023

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Medical Insurance cover (Rs. 3,000/-)			
2. Expenses for German scientists to visit India under the project			
• Per-diem charges @ Rs. 2,000/- per day	2 visits	2 visits	4 visits
• Accommodation charges @Rs. 3,000/- per day	30+50 days	30+50 days	160 days
	4,00,000/-	4,00,000/-	8,00,000
Total	6,20,000/-	6,20,000/-	12,40,000/-

2. The sanction of the President is also accorded to the release of Rs. 6,20,000/- (Rupees Six Lakh Twenty Thousand only) to the "Director/Registrar/Principal/Controller/Comptroller, THE UNIVERSITY BURDWAN" being the First installment of grant as mentioned above table under "General Component" for the above mentioned project.

3. The expenditure involved is debitable to Demand No. 89, Department of Science & Technology for the year 2023-24:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.798	International Cooperation (Minor Head)
3425.60.798.14	Research and Development
3425.60.798.14.00	Detailed Head
3425.60.798.14.00.31	Grants-in-aid-General
	(Previous: 3425.60.798.12.00.31)

4. The amount of ₹ 1/- (Rupee One only) against the sanctioned amount of 6,20,000/- (Rupees Six Lakh Twenty Thousand only) will be drawn by DDO, DST and disbursed to the "CNA account of SERB in respect of Research and Development Scheme".

Name of A/C Holder	Research And Development SERB
Bank A/C No	60418655210
Name of the Bank & branch	Bank of Maharashtra, Press Enclave - New Delhi
RTGS/IFSC code	MAHB0000593

5. CNA shall assign/allocate the amount of Rs. 6,20,000/- (Rupees Six Lakh Twenty Thousand only) to the Director/Registrar/Principal/Controller/Comptroller, THE UNIVERSITY BURDWAN" as per details given below:-

Name of A/C Holder	The University Burdwan Scheme 3237 (R&D) DST
Bank A/C No	60461421777
Name of the Bank & branch	Bank of Maharashtra
RTGS/IFSC code	MAHB0001311

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 189 . in the register of grants maintained in the International Cooperation Division for the scheme Indo German DST DAAD personnel exchange program .

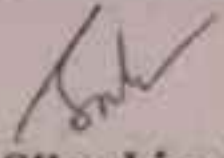
7. This issues with the concurrence of IFD vide their Concurrence Dy. No. IFD/C/II/201023/31/03747 dated 20/10/2023.

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8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.


10. This sanction order is subject to the Terms & Conditions as annexed.


Dr. Sibashisa Dash
(Scientist - 'C')
sdash.dst@gov.in

To,
The Pay & Accounts Officer,
Department of Science & Technology,
New Delhi - 110 016.

Copy of information and necessary action to: -

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Dr. Subhasis Das, Professor, Department of Physics, THE UNIVERSITY BURDWAN, Burdwan, Bardhaman, West Bengal - 713104
6. The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), THE UNIVERSITY BURDWAN, Burdwan, Bardhaman, West Bengal - 713104
7. Secretary, SERB, New Delhi (for allocation of limits to implementing agency)
8. Head (International Cooperation Division) DST
9. Sanction Folder (International Cooperation Division)


Dr. Sibashisa Dash
(Scientist - 'C')
sdash.dst@gov.in

ANNEXURE



वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद
 COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
 मानव संसाधन विकास समूह (एचआरडीजी)
 HUMAN RESOURCES DEVELOPMENT GROUP (HRDG)
 बाह्य अनुसंधान प्रभाग (ईएमआर-II)
 EXTRAMURAL RESEARCH DIVISION (EMR-II)
 सीएसआईआर कॉम्प्लेक्स, पूसा, नई दिल्ली - 110 012
 CSIR COMPLEX, PUSA, NEW DELHI - 110 012

G20

दिनांक:- 08/07/2023

संख्या: 01/3128/23/EMR-II

स्वीकृति आदेश/ SANCTION ORDER

Dr. Pabitra Chattopadhyay
 Department of Chemistry,
 The University of Burdwan
 Burdwan-713104 (WB)

Subject: Grant-in-aid & Financial Sanction of the Research Project entitled "Synthetic and Applicative Aspects of Donor Acceptor Stenhouse Adduct and Encapsulation of the Unstable Adduct Inside Confined Molecular Space"

महोदय/महोदया,

मुझे उपरोक्त शीर्षक वाले आपके प्रस्ताव का सीएसआईआर योजना की मंजूरी के संदर्भ में आपके नीचे दिए गए वितरण के अनुसार डीजी सीएसआईआर के अनुमोदन से अवगत कराने का निर्देश दिया गया है:

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	36 Months		
II	Staff	Nil		
III	Contingency (per annum in ₹)	1 st Year : 3,00,000	2 nd Year : 3,00,000	3 rd Year : 3,00,000
IV	Equipment (lumpsum in ₹)	Nil		

- The above sanction is subject to review of periodical progress of the project by expert committee.
- The sanctioned scheme shall start from the date of issue of the letter or within 3 months from the date of issue of the letter or commenced as soon as some expenditure has been incurred out of the grant/date of joining of fellow, unless otherwise authorized by CSIR, failing which the scheme will be treated as withdrawn.
- The Institute should ensure to provide
 - a certificate by the PI countersigned by the Head of the department/institution that no other aid-giving agency is funding the work proposed to be done under the scheme sanctioned by CSIR (non-funding certificate);
 - an agreement in the prescribed Form-A on non-judicial stamp paper of Rs 10/- (each page duly signed by PI)
 - date of commencement and
 - RBI-NEFT form (Form-K) to CSIR-HRDG immediately after the receipt of sanction letter.
 - Acceptance Certificate.
- Sanction of the grant to appointment of JRF/SRF/RA under this scheme is subject to the conditions as attached. Staff Stipend" will be utilized from the date the Research Fellow/Associate joins duty in accordance with the rules stipulated in the terms and conditions and he/she will be paid stipend after receipt of approval of appointment from CSIR. Further, Selection of JRF/SRF/RA should be strictly as per CSIR HRDG guidelines available on website and the sample advertisement is attached for reference. Not following the guidelines will lead to disapproval of fellow appointment.

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5. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and CSIR-HRDG will have no liability to meet the fellowship and salary of supporting staff prior to formalization of selection or beyond the duration of the project.
6. "Contingency" amount will be utilized on pro-rata from the date of the commencement of the scheme.
7. Purchase of equipment: The proforma invoice of the supplier, with whom the order has been placed is to be furnished by PI along with the claim bill to CSIR through the Registrar/Principal/Director of the Institute upon completion of purchase formalities, in any case within 3 months from the date of receipt of the equipment grant.
8. Due acknowledgement of technical support/financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications/media releases as well as in the opening paragraphs of their Annual Reports during and after completion of the project.
9. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. You are also required to follow the instructions /mandatory guidelines of CSIR-HRDG governing Research Schemes which are attached.
10. Funds @ 25% of the amount earmarked for the financial year in one installment will be released initially. Next installment of funds may be released after utilization of at least 75% of the funds released earlier. You may kindly register yourself in EAT Module on PFMS for enabling us to release grant.
11. CSIR Guidelines for Ethics in Research and in Governance attached should be followed strictly.
12. The project File no 01/3128/23/EMR-II may also be mentioned in all research communications arising from the above project with due acknowledgement of CSIR-HRDG.
13. All the related documents of project have to be sent to CSIR-HRDG by email to the Section Officer, EMR II at soemr2@csirhrdg.res.in. Hard copy should follow by post invariably which should be sent to the Section Officer, Room no 503 EMR-II, CSIR Complex, Pusa, New Delhi - 110 012

भवदीय,

जे.एम.मेनन

(जयशंकर मेनन)

अनुभाग अधिकारी, ईएमआर -II

Copy to:

1. Registrar, Department of Chemistry, The University of Burdwan-Burdwan-713104 (WB)
2. Sr. DFA/DFA /FAO/SO EMR-III

Encl: Timeline sheet, Man power draft advertisement, Circulars, EMR Bank Details, CSIR-HRDG Guidelines, CSIR guidelines on ethics in research

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Memo No. 2094(Sanc.)/STBT-11012(27)3/2024-ST SEC

Date 06/02/2024

Sanction Order for Grant-in-Aid in Cash

Demand No. 76 Department Code BS Financial Year 2023 - 2024

1. Sanctioning Authority: SPECIAL SECRETARY Science & Technology and Biotechnology
2. Recipient of Grant: The University of Burdwan.
3. Category of the recipient of Grant: Grantee Institution
4. Amount Sanctioned: Rs.895000/-
Rupees Eight Lakh Ninety Five Thousand Only.
5. DDO Code - CAFSTA003
6. DDO Designation: Registrar, Science & Technology & Biotechnology Dept.
7. Department Code: BS-Science & Technology and Biotechnology
8. Head of Account Code :76-3425-60-200-010-31-02-V
9. Scheme Name Financial Assistance to other Scientific Bodies for undertaking Scientific
10. Name of the Treasury/PAO & Accounts office: Pay & Accounts Officer-III, Calcutta PAO-III
11. Type of Grant:- Recurring
12. Utilization Certificate Required or Not: Yes

13. Purpose of Grant : R&D project entitled- An integrated pest management approach to control the lepidocoleran pest, *Helicoverpa armigera* (HÃ¼bner) feeding on bottle gourd (Lau) plant.

14. Applicable T.R Form No:- TR Form No.31

15. An amount of Rs.895000/-(Rupees Eight Lakh Ninety Five Thousand Only.) is hereby sanctioned for payment of Grant to the recipients as per SI.No.2 from the Head of Account as stated in SI.No.8 above against the Budget Provision of the Financial Year 2023 - 2024. The sanctioned amount will be payable through Transfer Credit into the LF/PL/Other Deposit Account/ECS/Cheque, as the case may be following the order issued by Finance Department in this regard.

16. Total released amount is within the Budget Provision of the Financial Year, 2023 - 2024

17. This order issues in exercise of the power delegated under Finance Department Memo. No. 990-F.S dated 12.12.2023 with the concurrence of Finance Deptt. vide Gr. F.A. Branch U.O. No. 184/FA Date 05/02/2024

18. The Principal Accountant General (A&E), West Bengal and Pay & Accounts Officer/Treasury Officer and other concerned are being informed.

19. Remarks: Present release Rs. 8,95,000/- is the 1st installment of the total project cost of Rs. 22,49,990/- sanctioned for 3 year (s) work, will be transferred through e-Pradan system to The University of Burdwan, A/C No.- 420110100019490 (SB), IFSC CODE-BKID0004201, Mobile No.-9433734183.

Sdf

SPECIAL SECRETARY

Science & Technology and Biotechnology

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Memo No: 2094(Sanc.)STBT-11012(27)/3/2024-ST SEC

Memo Date:06/02/2024

Copy forwarded for information and necessary action to:-

1. The Principal Accountant General (A&F), Treasury Buildings, Kolkata-700001
2. The Principal Accountant General (Audit), Treasury Buildings, Kolkata-700001
3. The Principal Accountant General (Receipt, Works & Local Bodies Audit), CGO Complex at Salt Lake, Kolkata-700091
4. Registrar, Science & Technology & Biotechnology Dept.
5. Pay & Accounts Officer-III, Calcutta PAO-III
6. CSO
7. Financial Advisor, DSTBT.
8. S. Roy, SSO. 11) Guard File, / Uploading this G.O. in the portal.
9. Finance Officer, The University of Burdwan, Rajbati, Burdwan-713104.
10. Dr. Anandamay Barik, P.I. of the project, The University of Burdwan, Rajbati, Burdwan-713104. (Strictly follow Annexure-A).


SPECIAL SECRETARY

Government of West Bengal
Department of Science & Technology and Biotechnology
"Vigyan Chetana Bhavan", Salt Lake,
DD 26/B, Sector-1,
Kolkata - 700064.

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Annexure-A

File No.: STBT-11012(27)/3/2024-ST SEC

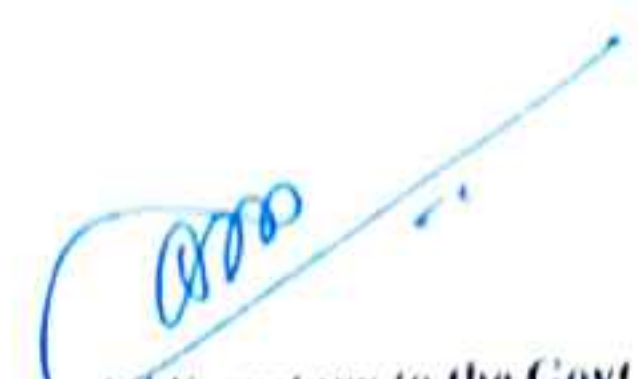
Name of the P.I. with Institute: Dr. Anandamay Barik, P.I. of the project, The University of Burdwan.

General Guideline must be followed by the P.I.:

1. The selection of JRF/SRF shall be made as per guidelines of this Deptt. (Science & Technology).
2. The remuneration to the JRF/SRF & project Assstt. should be disbursed as per PD Memo No. 6261-P(Y) dt. 27.06.2011.
3. Follow FD Memo No. 5400-P(Y) dt. 25.06.2012 and Memo No. 3060-P(Y) dt. 11.06.2014 where applicable.
4. The UC along with the audited statement of expenditure should be obtained within prescribed time limit / before release of further installment of grant.
5. Follow the Budget break-up given below:

SUMMARY (In Rupees)

Sl no.	Item	BUDGET			
		1 st year	2 nd year	3 rd year	Total
A.	Non Recurring - Minor Permanent equipment:				
	1. Analytical Balance	250000	0	0	250000
B.	Recurring				
1.	Remuneration for one JRF @ Rs.25000/- per month for two years, and one SRF on the third year @ Rs. 30000/- per month, if the same JRF continues or for a JRF who has completed two years. (As per order no.316/ST/P/Staff/Misc-2/2006(Part-1 dated:1.3.2021).	300000	390000	360000	960000
2.	Consumables : Chloroform, methanol, diethyl ether, GC-FID columns (HP-5, HP-1, SE 30), dichloromethane, silica gel, different alkane standards, different fatty acid standards, different volatile organic compound (VOC) standards, petroleum ether, hexane, glass goods, different chemicals, etc.	300000	300000	220000	820000
3.	Travel - For research purpose (T.A. for attending seminar and conference not allowed).	20000	20000	20000	60000
4.	Other Expenditure : Outsourcing for protein analysis, MALDI analysis, LC-MS analysis, different analysis, etc.			70000	70000
5.	Postage, stationary, report preparation including experimental photographs.	10000	20000	29990	59990
6.	Other incidental expenditure	13000	10000	10000	33000
	TOTAL (A+B)	890000	650000	704990	2249990
Rs. 22,49,990/- only for 3 years					


Special Secretary to the Govt. of W.B.

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FILE NO. CRG/2023/000736-G

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016


Dated: 05 March, 2024

ORDER

Subject: Research project entitled **Deciphering the code of chemical interactions and transcriptional induction in ridge gourd [Luffa acutangula] plants attracting its herbivore insect pest, Aulacophora lewisii (Coleoptera: Chrysomelidae)** under the guidance of Prof. Anandamay Barik, Zoology, The University of Burdwan, Burdwan rajbati, raiganj, bardhaman, Bardhaman, West bengal-713104.

1. In continuation of SERB's sanction order No. CRG/2023/000736 dated 05 March, 2024, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 1000000/-** under 'Grants-in-aid General' to The University Of Burdwan, Burdwan Rajbati, Raiganj, Bardhaman, Bardhaman, West Bengal-713104 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 05 March, 2024.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**Organismal and Evolutionary Biology(Animal Sciences)**) (General).
5. The Sanction has been issued with the approval of the competent authority on **01 March, 2024** and vide Diary No. **SERB/F/14116/2023-2024** dated **04 March, 2024**.
6. The release amount of **Rs. 1000000/-** (Rupees Ten Lakh only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Agency Name	The University of Burdwan
PFMS Unique Code	BURUNIV
Account Name	THE UNIVERSITY OF BURDWAN-SERB
Account Number	38989370861
Bank Name & Branch	State Bank of India Burdwan University, B.C. Road, Uttar Fatak, Rajbati, Burdwan, West Bengal
IFSC/RTGS Code	SBIN0002033
Email id of A/C Holder	registrar@buruniv.ac.in
Email id of PI	abarik@zoo.buruniv.ac.in


(Dr. Pramod Kumar Prasad)
Scientist-E
pk.prasad@serb.gov.in

To,
Under Secretary
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.	Prof. Anandamay Barik Zoology The University of Burdwan, Burdwan rajbati, raiganj, bardhaman, Bardhaman, West bengal-713104 Email: abarik@zoo.buruniv.ac.in Mobile: 919433734183 (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, The University of Burdwan, The University Of Burdwan, Burdwan Rajbati, Raiganj (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Pramod Kumar Prasad)
Scientist-E
pk.prasad@serb.gov.in

18 ZOOLOGY 23-24

A Barik, Zoology
SERB

FILE NO. CRG/2023/000736

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 05 March, 2024

ORDER

Subject: Financial Sanction of the research project titled Deciphering the code of chemical interactions and transcriptional induction in ridge ground [*Luffa acutangula*] plants attracting its herbivore insect pest, *Aulacophora lewisii* (Coleoptera: Chrysomelidae) under the guidance of Prof. Anandamay Barik, Zoology, The University of Burdwan, Burdwan rajbati, raiganj, bardhaman, Bardhaman, West bengal-713004 - 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. 4559280/- (Rs. Forty Five Lakh Fifty Nine Thousand Two Hundred and Eighty Only) with break-up of Rs. 1600000/- under Capital (Non-recurring) head and Rs. 2959280/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 4559280/- has been approved are given below:

The following budget may be considered for The University Of Burdwan, Burdwan Rajbati, Raiganj

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Millipore -> Microbalance -> Nanodrop Spectrophotometer -> Pull pump for volatile collection -> Push Pump for volatile collection	1600000
A'	Total (Non-Recurring)	1600000
B	Recurring Items	
1	Recurring - I: (Research Personnel) 21800 x 36 months Recurring - II: (Consumables, Travel, Contingencies) Recurring - III: Scientific Social Responsibility	784800 1740000 20000
2	Recurring - IV: (Overhead Charges)	414480
B'	Total (Recurring)	2959280
C	Total cost of the project (A + B')	4559280

₹ 1740000 - Consumables - 15,00,000, Travel - 12000, Contingency - 12000

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

3. 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.

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

5. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

6. 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.

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

8. The institute will furnish to the SERB, 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.

9. 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.

10. The research personnel 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.

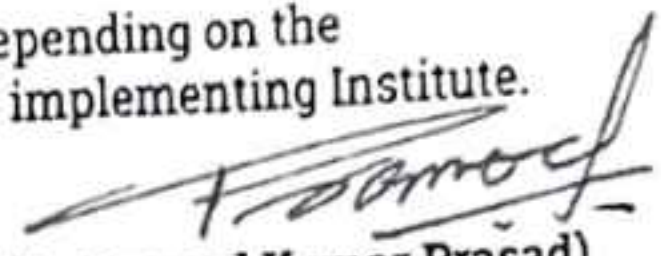
11. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18 ZOOLOGY 23-24

The project File no. CRG/2023/000736 should be mentioned in all communications arising from the above project. The implementing institute/university should ensure that the technical support/financial assistance provided to them by SERB should be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual report.

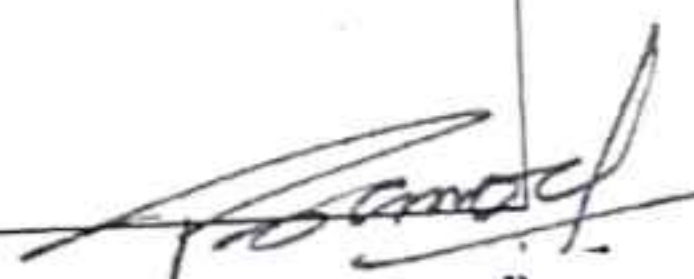
13. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by SERB.

14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.


(Dr. Pramod Kumar Prasad)
Scientist-E
pk.prasad@serb.gov.in

To,
Under Secretary
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.	Prof. Anandamay Barik Zoology The University of Burdwan, Burdwan rajbati, raiganj, bardhaman, Bardhaman, West bengal-713104 Email: abarik@zoo.buruniv.ac.in Mobile: 919433734183 (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, The University of Burdwan, The University Of Burdwan, Burdwan Rajbati, Raiganj (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Pramod Kumar Prasad)
Scientist-E
pk.prasad@serb.gov.in

3/15/24, 2:08 PM

19 ZOOLOGY 23-24

THE UNIVERSITY OF BURDWAN Mail - Sanction Order : SRG/2023/000685

M Gmail

Shubhajit Saha <ssaha@zoo.buruniv.ac.in>

Sanction Order : SRG/2023/000685

2 messages

SERB_Administrator@serbonline.in <SERB_Administrator@serbonline.in>
To: info@serbonline.in

Fri, Mar 15, 2024 at 5:25 PM



Science and Engineering Research Board
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

Dear Dr. Shubhajit Saha,

The below details for **Science & Engineering Research Board (SERB) Sanction Order** (attached to this mail)

Sanction Order No SRG/2023/000685
Sanction Date 04 March, 2024
PI Name Dr. Shubhajit Saha
Institute/University The University Of Burdwan , Burdwan Rajbati, Raiganj, WEST BENGAL-713104
Account Number 38989370861
Bank & Branch Name STATE BANK OF INDIA BRANCH NAME- BURDWAN UNIVERSITY ADDRESS- B.C. ROAD, UTTAR FATAK BURDWAN.

Grants in Aid Capital:

Amount INR 500000/-
In Rupees Five Lakh
UTR No RBI0742436723088
Transaction Date 13 March, 2024

— Non-recurring

SERB Reference Number:

Bill No
Diary No / Finance No SERB/F/14011/2023-2024

Grants in Aid General:

Amount INR 862500/-
In Rupees Eight Lakh Sixty Two Thousand Five Hundred
UTR No RBI0742436723763
Transaction Date 13 March, 2024

Recurring 761800
Overhead 100700

SERB Reference Number:

Bill No GIA/12705/2023-24
Diary No / Finance No SERB/F/14012/2023-2024

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FILE NO. SRG/2023/000685-G
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 04 March, 2024

ORDER

Subject: Research project entitled **Endocrine, neurotoxicity and oxidative stress effects of nano-pesticides on freshwater aquatic vertebrates (Clarias batrachus) and invertebrates (Branchiura sowerbyi and Bellamya bengalensis)** under the guidance of Dr. Shubhajit Saha, DEPARTMENT OF ZOOLOGY, The University of Burdwan, Burdwan Rajbati, Raiganj, WEST BENGAL-713104.

- In continuation of SERB's sanction order No. SRG/2023/000685 dated 04 March, 2024, sanction of the competent authority is hereby accorded to the payment of a sum of Rs. 862500/- under 'Grants-in-aid General' to The University Of Burdwan, Burdwan Rajbati, Raiganj, WEST BENGAL-713104 being the grant for the financial year 2023-2024 for implementation of the above said project.
- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 04 March, 2024.
- As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
- The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Start-up Research Grant (General).(EC Life Sciences)
- The Sanction has been issued with the approval of the competent authority on 01 March, 2024 and vide Diary No. SERB/F/14012/2023-2024 dated 02 March, 2024.
- The release amount of Rs. 862500/- (Rupees Eight Lakh Sixty Two Thousand Five Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Agency Name	The University of Burdwan
PFMS Unique Code	BURUNIV
Account Name	THE UNIVERSITY OF BURDWAN-SERB
Account Number	38989370861
Bank Name & Branch	STATE BANK OF INDIA BRANCH NAME- BURDWAN UNIVERSITY ADDRESS- B.C. ROAD, UTTAR FATAKBURDWAN.
IFSC/RTGS Code	SBIN0002033
Email id of A/C Holder	registrar@buruniv.ac.in
Email id of PI	ssaha@zoo.buruniv.ac.in

(Dr. Pramod Kumar Prasad)
Scientist-E
pk.prasad@serb.gov.in

To,
Under Secretary
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. Shubhajit Saha DEPARTMENT OF ZOOLOGY The University of Burdwan, Burdwan Rajbati, Raiganj, WEST BENGAL-713104 Email: ssaha@zoo.buruniv.ac.in Mobile: 917908463516 (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, The University Of Burdwan, Burdwan Rajbati, Raiganj (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Pramod Kumar Prasad)
Scientist-E
pk.prasad@serb.gov.in

19 ZOOLOGY 23-24

Dr. Shubhajit Saha - Mob: - 7908963516

8293387481

FILE NO. SRG/2023/000685
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
 (A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board
 3rd & 4th Floor, Block II
 Technology Bhavan, New Mehrauli Road
 New Delhi - 110016

Dated: 04 March, 2024

ORDER

Subject: Financial Sanction of the research project titled **Endocrine, neurotoxicity and oxidative stress effects of nano-pesticides on freshwater aquatic vertebrates (Clarias batrachus) and invertebrates (Branchiura sowerbyi and Bellamya bengalensis)** under the guidance of Dr. Shubhajit Saha, DEPARTMENT OF ZOOLOGY, The University of Burdwan, Burdwan Rajbati, Raiganj, 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. 2214870/- (Rs. Twenty Two Lakh Fourteen Thousand Eight Hundred and Seventy Only) with break-up of Rs. 500000/- under Capital (Non-recurring) head and Rs. 1714870/- under General (Recurring) head for a duration of 24 months. The items of expenditure for which the total allocation of Rs. 2214870/- has been approved are given below:

The following budget may be considered for The University Of Burdwan, Burdwan Rajbati, Raiganj

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Binocular Stereomicroscope -> Microtome	500000
A'	Total (Non-Recurring)	500000
B	Recurring Items	
1	Recurring - I : (Research Personnel) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	803520 700000 10000
2	Recurring - IV : (Overhead Charges)	201350
B'	Total (Recurring)	1714870
C	Total cost of the project (A' + B')	2214870

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

3. 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.

4. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1 lakh each should be spent for travel and contingency.

5. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

6. 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.

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

8. The institute will furnish to the SERB, 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.

9. 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.

10. The research personnel 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

11. 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.

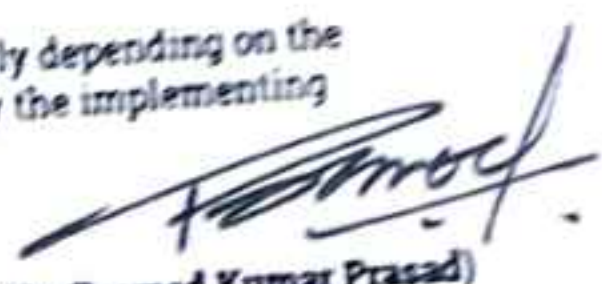
12. The project File no. SRG/2023/000685 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

(A) Consumables - 500000 -
 Travel - 100000
 Contingency 100000 } 700,000

19 ZOOLOGY 23-24

13. 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 SERB.


14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.


(Dr. Pramod Kumar Prasad)
Scientist-E
pk.prasad@serb.gov.in

To,
Under Secretary
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. Shubhajit Saha DEPARTMENT OF ZOOLOGY The University of Burdwan, Burdwan Rajbati, Raiganj, WEST BENGAL-713104 Email: ssaha@zoo.buruniv.ac.in Mobile: 917908463516 (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, The University Of Burdwan, Burdwan Rajbati, Raiganj (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Pramod Kumar Prasad)
Scientist-E
pk.prasad@serb.gov.in



24 BOTANY 23-24

वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
मानव संसाधन विकास समूह (एचआरडीजी)
HUMAN RESOURCES DEVELOPMENT GROUP (HRDG)
बाह्य अनुसंधान प्रभाग (ईएमआर-II)
EXTRAMURAL RESEARCH DIVISION (EMR-II)
सीएसआईआर कॉम्प्लेक्स, पूसा, नई दिल्ली - 110 012
CSIR COMPLEX, PUSA, NEW DELHI - 110 012



संख्या: 38(1526)/23/EMR-II

दिनांक: 05/07/2023

स्वीकृति आदेश/ SANCTION ORDER

Dr. Sujit Roy
Botany,
The University of Burdwan,
Burdwan - 713104, West Bengal

Sub: Grant-in-aid & Financial Sanction of the Research Project entitled "Study of the Genotoxic and cytotoxic activity of copper(II)- based small metal complexes for understanding their putative therapeutic potentials by the using arabidopsis thaliana as plant based screening system".

महोदय/महोदया,

मुझे उपरोक्त शीर्षक वाले आपके प्रस्ताव का सीएसआईआर योजना की मंजूरी के संदर्भ में आपके नीचे दिए गए विवरण के अनुसार डीजी सीएसआईआर के अनुमोदन से अवगत कराने का निर्देश दिया गया है:

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	36 Months		
II	Staff	I-JRF		
III	Contingency (per annum ₹)	1 st Year :	2 nd Year :	3 rd Year :
		200000	200000	200000
IV	Equipment (Lump sum I ₹) Fluorescence spectrophotometer(I No.)	1000000		

- The above sanction is subject to review of periodical progress of the project by expert committee.
- The sanctioned scheme shall start from the date of issue of the letter or within 3 months from the date of issue of the letter or commenced as soon as some expenditure has been incurred out of the grant/date of joining of fellow, unless otherwise authorized by CSIR, failing which the scheme will be treated as withdrawn.
- The Institute should ensure to provide:
 - a certificate by the PI countersigned by the Head of the department/institution that no other aid-giving agency is funding the work proposed to be done under the scheme sanctioned by CSIR (non-funding certificate);
 - an agreement in the prescribed Form-A on non-judicial stamp paper of Rs 10/- (each page duly signed by PI);
 - date of commencement and
 - RBI-NEFT form (Form-K) to CSIR-HRDG immediately after the receipt of sanction letter.
 - Acceptance Certificate.

24 BOTANY 23-24

4. Sanction of the grant to appointment of JRF/SRF/RA under this scheme is subject to the conditions as attached. "Staff Stipend" will be utilized from the date the Research Fellow/Associate joins duty in accordance with the rules stipulated in the terms and conditions and (he/she will be paid stipend after receipt of approval of appointment from CSIR. Further, Selection of JRF/SRF/RA should be strictly as per CSIR HRDG guidelines available on website and the sample advertisement is attached for reference. Not following the guidelines will lead to disapproval of fellow appointment.
5. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and CSIR-HRDG will have no liability to meet the fellowship and salary of supporting staff prior to formalization of selection or beyond the duration of the project.
6. "Contingency" amount will be utilized on pro-rata from the date of the commencement of the scheme.
7. Purchase of equipment: The proforma invoice of the supplier, with whom the order has been placed is to be furnished by PI along with the claim bill to CSIR through the Registrar/Principal/Director of the Institute upon completion of purchase formalities, in any case within 3 months from the date of receipt of the equipment grant.
8. Due acknowledgement of technical support/financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications/media releases as well as in the opening paragraphs of their Annual Reports during and after completion of the project.
9. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. You are also required to follow the instructions /mandatory guidelines of CSIR-HRDG governing Research Schemes which are attached.
10. Funds @ 25% of the amount earmarked for the financial year in one installment will be released initially. Next installment of funds may be released after utilization of at least 75% of the funds released earlier. You may kindly register yourself in EAT Module on PFMS for enabling us to release grant.
11. CSIR Guidelines for Ethics in Research and in Governance attached should be followed strictly.
12. The project File no. **38(1526)/23** may also be mentioned in all research communications arising from the above project with due acknowledgement of CSIR-HRDG.
13. All the related documents of project have to be sent to CSIR-HRDG by email to the Section Officer, EMR II at soemr2@csirhrdg.res.in. Hard copy should follow by post invariably which should be sent to the Section Officer, Room no 503 EMR-II, CSIR Complex, Pusa, New Delhi - 110 012
14. The PI may take following comments into consideration while executing his work plan;
The question asked is an important one with the present context of research in the area. The major concern to this project is how pure the copper complex (to be synthesized in this study; Objective 1) will be. The Chemical synthesis usually generates by products. Therefore, it will be difficult to claim whether the effect (if any) is due to the complex or its by-products or all together. Therefore, the PI should take extra precautions about the purification of the complex with the help of a chemistry laboratory. The purity of the complex should be established first before biological tests.

भवदीय,
जे.एस.मेनन
(जयशंकर मेनन)
अनुभाग अधिकारी, ईएमआर -II

Copy to:
1 The Registrar/Director/Principal, Indian Institute of Technology, Kharagpur-721302
2.Sr. DFA/DFA /FAO/SO EMR-III
Encl:Timeline sheet,Man power draft Advertisement Circulars, EMR Bank Details ,CSIR-HRDG
Guidelines,CSIR guidelines on ethics in research

24 BOTANY 23-24

टा आर -38
(देज़री नियम 306)

वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद

पूर्णतया प्रमाणित आकरिका बिल / FVC Bill

बिल संख्या: 35100703

स्वीकृत संख्या: 38(01526)-23-EMR-II

दिनांक: 2023-09-11

स्वीकृत दिनांक:

बिल का प्रकार: Scheme

वर्ष 2023-24 के माह के लिए के लेखा शीर्ष (वैश कोड): P99102

शीर्ष	विवरण	धनराशि
स्वीकृत संख्या / फंड संख्या एवं अधिकारी का आई डी व नाम प्रोजेक्ट का नाम विश्वविद्यालय/ संस्थान नर शीर्ष स्वीकृत धनराशि: 357250 कटौती धनराशि: 0 देय धनराशि 357250 भुगतान का प्रकार Scheme Grant Remark/विशेष टिप्पणी: (Rupees: THREE LAKH FIFTY SEVEN THOUSAND TWO HUNDRED FIFTY ONLY)	38(01526)-23-EMR-II 002 SUJIT ROY STUDY SYSTEM THE UNIVERSITY OF BURDWAN Staff: 69780.00 HRA: 0.00 Medical: 0.00 Contingency Grant: 37500.00 Equipments: 250000.00 Overheads: 0.00 Scientist Allow: 0.00 Travel: 0.00 <u>₹357250.00</u>	स्वीकृत धनराशि: 357250.00 कटौती धनराशि: 0.00 देय धनराशि 357250.00 <u>₹357250.00</u>
	देय धनराशि	₹357250.00

1. मैं प्रमाणित करता हूँ कि इस बिल में दिया गया न्यूनतम जमावत का ध्यान में रखा गया है। मैं प्रमाणित करता हूँ कि मैंने जमावत और विवरण के अनुसार बिल के एप्लिकेबल भुगतान का ध्यान रखा है जो इनके पास करने की इच्छा है, विवरण निम्नलिखित अनुसार जो प्रमाणित अधिकारी की सेवाएँ और सेवाएँ के तहत हैं और जिसका भुगतान इस बिल में आदि धनराशि के तहत होने पर ही किया जाएगा। इस बिल के साथ 25% हफ्ते में अधिक की राशि के एक कटौत, सत्यापन है, जिसे निम्नलिखित समझौता नहीं है, जिसे एडमिनिस्ट्रेशन के भुगतान होते हैं अपेक्षा कर दिया जाएगा। सभी कार्य बिल हलका है।

2. प्रमाणित किया जाता है कि बिल में उल्लिखित सम्भवी, सभी हालत में परत हुई है कि इस सम्भवी की सहायता है और गुणवत्ता भी बेहतर है तथा बिल की का भुगतान किया गया है कि उस दर से अधिक नहीं है जिसे मंजूरी दी गयी है और दोहन भुगतान का लेखने के लिए कारण की राशि और भुगतान की उपयुक्त दिवसीय की सहायता का और वेरिफिकेशन में सत्यापन दत्त किया गया है।

कृपया उपरोक्त प्रस्तुत बिल की संस्तुति पदान करें।

Heem

S. Bhattacharyay, Botany, Send to Cash via email on

8/4/24

GOVERNMENT OF WEST BENGAL
Science & Technology and Biotechnology DEPARTMENT

28 BOTANY 23-24

Lat

Fax

Memo No 2361(Sanc./STBT-11012(27)/3/2024-ST SEC

Date 21/03/2024

Sanction Order for Grant-in-Aid in Cash

Demand No. 76 Department Code BS Financial Year 2023 - 2024

1 Sanctioning Authority SPECIAL SECRETARY, Science & Technology and Biotechnology

2 Recipient of Grant The University of Burdwan

3 Category of the recipient of Grant Grantee Institution

4 Amount Sanctioned Rs 1308228/-

Rupees Thirteen Lakh Eight Thousand Two Hundred Twenty Eight Only

5 DDO Code - CAFSTA003

6 DDO Designation Registrar, Science & Technology & Biotechnology Dept.

7 Department Code BS-Science & Technology and Biotechnology

8 Head of Account Code 76-3425-60-200-010-31-02-19

9 Scheme Name Financial Assistance to other Scientific Bodies for undertaking Scientific

10 Name of the Treasury/PAO & Accounts office Pay & Accounts Officer-III, Calcutta PAO-III

11 Type of Grant - Recurring

12 Utilization Certificate Required or Not Yes

13 Purpose of Grant R&D project entitled- Fingerprints of bioactive polyphenolic compounds and peptides from some advanced accessions of *Amaranthus hypochondriacus* and exploring their anti-degenerative medicinal properties for utilization in crop diversification program of West Bengal

14 Applicable T.R Form No - TR Form No 31

15 An amount of Rs. 1308228/- (Rupees Thirteen Lakh Eight Thousand Two Hundred Twenty Eight Only) is hereby sanctioned for payment of Grant to the recipients as per Sl No.2 from the Head of Account as stated in Sl.No 3 and against the Budget Provision of the Financial Year 2023 - 2024. The sanctioned amount will be payable through Transfer Credit into the LF/PL/Other Deposit Account/ECS/Cheque, as the case may be following the order issued by Finance Department in this regard.

16 Total released amount is within the Budget Provision of the Financial Year. 2023 - 2024

17 This order issues in exercise of the power delegated under Finance Department Memo No. 990-F B dated 12.12.2023 with the concurrence of Finance Deptt. vide Cr. F. A. Branch U O. No. 228/FA Date 20/03/2024

18 The Principal Accountant General (A&E) West Bengal and Pay & Accounts Officer/Treasury Officer and other concerned are being informed

19 Remarks Present release Rs. 13 08 228/- is the 1st instalment of the total project cost of Rs. 26 28 228 sanctioned for 3 year (s) work, will be transferred through e-Pradan system to The University of Burdwan A.C No - 420110100019490 (SB), IFSC CODE-BKID0004201, Mobile No.-9433734183

Sd/-

SPECIAL SECRETARY

Science & Technology and Biotechnology

28 BOTANY 23-24

Memo Date 21/03/2024

Memo No

2304(SAC) STBT-11012-27/3/2024-ST SEC

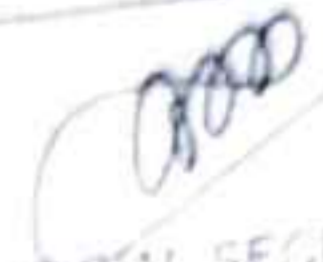
Sub Allotted Office DEO wise Alloted Amount Summary

No. Memo Sub Allotted Code DEO/Post Designation

1 CA/STA003-Registrar Science & Technology & Biotechnology Dept.

1.308.2

1.308.2



SPECIAL SECRETARY

28 BOTANY 23-24

forwarded for information and necessary action to:-

The Principal Accountant General (A&E), Treasury Buildings, Kolkata-700001

The Principal Accountant General (Audit), Treasury Buildings, Kolkata-700001

The Principal Accountant General (Receipt, Works & Local Bodies Audit), CGO Complex at Salt Lake, Kolkata-700091

Registrar, Science & Technology & Biotechnology Dept

Pay & Accounts Officer-III, Calcutta PAO-III

CSO


Financial Advisor, DSTBT

S. Gupta, JS, WBSCST.

11) Guard File (Uploading this G.O. in the portal.)

9) Finance Officer, The University of Burdwan, Rajbati, Burdwan-713104

10) Dr. Soumen Bhattacharjee, P.I. of the project, The University of Burdwan, Rajbati, Burdwan-713104 (Strictly follow Annexure-A)


SPECIAL SECRETARY

28 BOTANY 23-24

Government of West Bengal
Department of Science & Technology and Biotechnology
"Vigyan Chetana Bhavan", Salt Lake,
DD 26/B, Sector-I,
Kolkata - 700064.

Annexure-A

File No.: SIBI-11012127) 3, 2024-SI SEC

Name of the P.I. with Institute: Dr. Soumen Bhattacharjee, P.I. of the project: The University of Burdwan

General Guideline must be followed by the P.I.:

- The selection of JRF/SRF shall be made as per guidelines of this Deptt. (Science & Technology).
- The remuneration to the JRF/SRF & project Asstt. Should be disbursed as per FD Memo No. 6261 P(Y) dt: 27.06.2012.
- Follow FD Memo No. 3409-F(Y) dt: 25.06.2012 and Memo No. 3090-F(Y) dt: 11.06.2014 where applicable.
- The UC along with the audited statement of expenditure should be obtained within prescribed time limit before release of further instalment of grant.
- Follow the Budget break up given below.

SUMMARY (in Rupees)

Sl. No.	Item	Cost in Rs.			
		1st Year	2nd Year	3rd Year	Total
A. Non-Recurring					
1	Permanent Equipment	778228	0	0	778228
Total Non-Recurring (A)		778228	0	0	778228
B. Recurring					
1	Research Fellow - I No. of Rs.25,000/- per JRF on the 1 st & 2 nd year and of Rs.30,000/- per SRF on the 3 rd year	300000	300000	360000	960000
2	Consumables	200000	300000	300000	800000
3	Travel	0	0	0	0
4	Contingencies & Other Costs	30000	30000	30000	90000
Total Recurring (B)		530000	630000	690000	1850000
Grand Total (C = A + B)		13,08228	630000	690000	26,28228
Total Project cost: Rupees Twenty six lakhs twenty eight thousand two hundred and twenty eight only for 3 (three) years duration					

Special Secretary to the Govt. of W.B.

34 BOTECH 23-24

S. Dalai, Biotech, Send to Cash on 21/11/23

Gmail

Research Section Finance Department, BU <finance.research@buruniv.ac.in>

Subject: RTGS/NEFT UTR/ TRANS No. RBI3002352172715 -- File No. SUR/2022/001269

message

Mon, Oct 30, 2023 at 1:55 PM

Subhankar Dolai <subhankar.dolai@gmail.com>
To: "Research Section Finance Department, BU" <finance.research@buruniv.ac.in>

Dear Chinmoy Babu,
The following first year sanction of Rs 1139000/- (Eleven Lakh Thirty Nine Thousand) from a SERB sponsored project is deposited to A/c No. : 38989370861, Bank Name/Branch : State Bank of India, Burdwan University (SERB/F/7012/2023-2024).
Kindly verify the receipt of the fund so that I can confirm the funding agency.
Thanks and Regards,
Subhankar Dolai,
Dept. of Biotechnology,
The University of Burdwan.



Science and Engineering Research Board
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

Dear Sir/Madam,

I am directed to refer to Science & Engineering Research Board (SERB) sanction order no SUR/2022/001269 dated 22 September, 2023 and forward here with the following for information and necessary action:

RTGS/NEFT UTR/Transaction no.:RBI3002352172715 dated 26 October, 2023.
Rs 1139000/- (Eleven Lakh Thirty Nine Thousand) transferred to A/c No. : 38989370861 , Bank Name/Branch : State Bank of India ,Burdwan University
SERB/F/7012/2023-2024

CONFIRMATION OF RECEIPT OF GRANTS MAY KINDLY BE SENT BY EMAIL ONLY.SEPARATE Utilization Certificates (UCs) for Recurring and Non-Recurring Grants (even if DISBURSED BY SERB THROUGH ONE SANCTION ORDER for your project) should be uploaded online within twelve months of the closure of the financial year in which the grants were released irrespective of whether the subsequent installment of grant is due for release or not.However, if any unspent balance is to be refunded, kindly ensure that the un-utilized amount may be refunded immediately by way of an a/c payee cheque/DD drawn in favour of "Fund for Science & Engineering Research", payable at New Delhi and forwarded to the undersigned at the address given below :

The Finance & Budget Officer
Science & Engineering Research Board (SERB)
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi 110016

***** LEGAL DISCLAIMER *****

Please do not reply to this mail !!

[SERB is now on Social-Media. Kindly follow us on Twitter: @serbonline <http://www.twitter.com/serbonline>]

This is a system generated information and does not require any signature. This E-Mail may contain Confidential and/or legally privileged Information and is meant for the intended recipient(s) only. If you have received this e-mail in error and are not the intended recipient/s, kindly notify us at info@serbonline.in and then delete this e-mail immediately from your system. Any unauthorized review, use, disclosure, dissemination, forwarding, printing or copying of this email or any action taken in reliance on this e-mail is strictly prohibited and may be unlawful. Internet communications cannot be guaranteed to be timely, secure, error or virus-free. The sender does not accept any liability

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FILE NO. SUR/2022/001269
SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
 (A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board
 3rd & 4th Floor, Block II
 Technology Bhavan, New Mehrauli Road
 New Delhi - 110016

Dated: 25 September, 2023

ORDER

Subject: Financial Sanction of the research project titled **Unveiling The Role of SNAREs and Autophagy in Macrophage Phagosome Maturation: Implications in The Pathogenesis of Leishmaniasis** under the guidance of Dr. Subhankar Dolai, Biotechnology, The University of Burdwan, Burdwan Rajbati, Raiganj, 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. 2617240/-** (Rs. Twenty Six Lakh Seventeen Thousand Two Hundred and Forty Only) with break-up of **Rs. 399310/- under Capital (Non-recurring) head** and **Rs. 2217930/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2617240/-** has been approved are given below:

The following budget may be considered for **The University Of Burdwan, Burdwan Rajbati, Raiganj**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> BOD Incubator -> Thermal Cyler	399310
A'	Total (Non-Recurring)	399310
B	Recurring Items	
1	Recurring - I : (Research Personnel) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	0 1980000 0
2	Recurring - IV : (Overhead Charges)	237930
B'	Total (Recurring)	2217930
C	Total cost of the project (A' + B')	2617240

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

3. 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.

4. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 90,000 each should be spent for travel and contingency.

5. 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.

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

34 BOTECH 23-24

7. The institute will furnish to the SERB, 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.
8. 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.
9. The research personnel 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
10. 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.
11. The project File no. SUR/2022/001269 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report. 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 SERB.
12. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.



(Dr. V Ramesh)

ms_pac_sure@serbonline.in

To,
Under Secretary
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. Subhankar Dolai Biotechnology The University of Burdwan, Burdwan Rajbati, Raiganj, WEST BENGAL-713104 Email: subhankar.dolai@gmail.com Mobile: 918927512257 (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, The University of Burdwan, The University Of Burdwan, Burdwan Rajbati, Raiganj (Receipt of Grant may be intimated by name to the undersigned)



(Dr. V Ramesh)

ms_pac_sure@serbonline.in

34 BOTECH 23-24

FILE NO. SUR/2022/001269-C

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 25 September, 2023

ORDER

Subject: Research project entitled **Unveiling The Role of SNAREs and Autophagy in Macrophage Phagosome Maturation: Implications in The Pathogenesis of Leishmaniasis** under the guidance of Dr. Subhankar Dolai, Biotechnology, The University of Burdwan, Burdwan Rajbati, Raiganj, WEST BENGAL-713104.

1. In continuation of SERB's sanction order No. SUR/2022/001269 dated 25 September, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 399310/-** under 'Grants-in-aid Capital' to The University Of Burdwan, Burdwan Rajbati, Raiganj, WEST BENGAL-713104 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 25 September, 2023.
3. As this is the first grant being released under 'Grants-in-aid Capital' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under **State University Research Excellence (SERB SURE) (Capital) (PAC SERB SURE)**.
5. The Sanction has been issued with the approval of the competent authority on **22 September, 2023** and vide Diary No. **SERB/F/7011/2023-2024** dated **25 September, 2023**.
6. The release amount of **Rs. 399310/-** (Rupees Three Lakh Ninety Nine Thousand Three Hundred and Ten only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	BURUNIV
Account Name	THE UNIVERSITY OF BURDWAN-SERB
Account Number	38989370861
Bank Name & Branch	State Bank of India Burdwan University, B.C. Road, Uttar Fatak
IFSC/RTGS Code	SBIN0002033
Email id of A/C Holder	registrar@buruniv.ac.in
Email id of PI	subhankar.dolai@gmail.com

Ramesh

(Dr. V Ramesh)

ms_pac_sure@serbonline.in

To,
Under Secretary
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.

34 BOTECH 23-24

3.	File Copy
4.	<p>Dr. Subhankar Dolai Biotechnology The University of Burdwan , Burdwan Rajbati, Raiganj, WEST BENGAL-713104 Email: subhankar.dolai@gmail.com Mobile: 918927512257 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>Registrar, The University of Burdwan, The University Of Burdwan, Burdwan Rajbati, Raiganj (Receipt of Grant may be intimated by name to the undersigned)</p>



(Dr. V Ramesh)

ms_pac_sure@serbonline.in

34 BOTECH 23-24

FILE NO. SUR/2022/001269-G

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board

3rd & 4th Floor, Block II

Technology Bhavan, New Mehrauli Road

New Delhi - 110016

Dated: 25 September, 2023

ORDER

Subject: Research project entitled **Unveiling The Role of SNAREs and Autophagy in Macrophage Phagosome Maturation: Implications in The Pathogenesis of Leishmaniasis** under the guidance of Dr. Subhankar Dolai, Biotechnology, The University of Burdwan, Burdwan Rajbati, Raiganj, WEST BENGAL-713104.

1. In continuation of SERB's sanction order No. SUR/2022/001269 dated 25 September, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 739690/-** under 'Grants-in-aid General' to The University Of Burdwan, Burdwan Rajbati, Raiganj, WEST BENGAL-713104 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 25 September, 2023.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under **State University Research Excellence (SERB SURE) (General) (PAC SERB SURE)**.
5. The Sanction has been issued with the approval of the competent authority on **22 September, 2023** and vide Diary No. **SERB/F/7012/2023-2024** dated **25 September, 2023**.
6. The release amount of **Rs. 739690/-** (Rupees Seven Lakh Thirty Nine Thousand Six Hundred and Ninety only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	BURUNIV
Account Name	THE UNIVERSITY OF BURDWAN-SERB
Account Number	38989370861
Bank Name & Branch	State Bank of India Burdwan University, B.C. Road, Uttar Fatak
IFSC/RTGS Code	SBIN0002033
Email id of A/C Holder	registrar@buruniv.ac.in
Email id of PI	subhankar.dolai@gmail.com

Ramesh

(Dr. V Ramesh)

ms_pac_sure@serbonline.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, 11th Floor I.P. Estate, Delhi-110002
----	--

34 BOTECH 23-24

2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Subhankar Dolai Biotechnology The University of Burdwan , Burdwan Rajbati, Raiganj, WEST BENGAL-713104 Email: subhankar.dolai@gmail.com Mobile: 918927512257 (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, The University of Burdwan, The University Of Burdwan, Burdwan Rajbati, Raiganj (Receipt of Grant may be intimated by name to the undersigned)



(Dr. V Ramesh)

ms_pac_sure@serbonline.in

M-2896
10/11/23

35 COMMERCE 23-24

Richa Sharma
Deputy Director
SCD Division (In-charge)
Tel # 011-26742140
Email: specialcall@icssr.org

Indian Council of Social Science Research
(Ministry of Education)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi - 110067
Website: www.icssr.org

SANCTION ORDER

Dated: 11-09-2023

F.No. 121/CIS-2023-865/DDAY/SCD

To,
The Registrar
The University of Burdwan, West Bengal
West Bengal, 713104

Subject: Sanction of Short-term Empirical Research Project (Collaborative/Individual) entitled "Does Deendayal Antyodaya Yojana - National Rural Livelihood Mission (DAY-NRLM) Make Sustainable Livelihood Promotion of Tribes? An Investigation in Jungle Mahal, West Bengal" to Dr. Manidipa Dasgupta, The University of Burdwan, West Bengal

Dear Sir/Madam,

1. The Indian Council of Social Science Research (ICSSR) has approved the award of **Does Deendayal Antyodaya Yojana - National Rural Livelihood Mission (DAY-NRLM) Make Sustainable Livelihood Promotion of Tribes? An Investigation in Jungle Mahal, West Bengal** the above Research Project submitted by **Dr. Manidipa Dasgupta** of your Institution.
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of **Rs. 500000/-** for the above research project and the grant will be released as follows:

First instalment (50 % of sanctioned grant-in-aid)	: Rs. 250000
Second instalment (25 % of sanctioned grant-in-aid)	: Rs. 125000/-
Final instalment (25 % of sanctioned grant-in-aid)	: Rs. 125000
Total	: Rs. 500000/-
Overhead charges over and above 7.5% or maximum Rs.1,00,000	: Rs. 37500/-

The **First** installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization.

As the study involves empirical research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:

- a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
- b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of two months in any case.

Sri C. Dutta

OK
S. Roy

F.O.
SS(R)
21-11-2023

6. The Second instalment will be released after receiving a satisfactory **three months** progress report, summary report, along with a statement of expenditure for the first instalment and Grant-in-Aid for the second installment.
7. The Third and Final instalment will be released on receipt of (a) Satisfactory book length of the Final Report (Two Hard Copies plus one Soft Copy in Pen-Drive) in the publishable form after incorporating all corrections, suggestions of the expert; (b) soft and 2 hard copies of Executive Summary of Final Report; (c) Statement of accounts with Utilization Certificate in GFR of 12A form for the entire project amount duly signed by the Finance Officer/Registrar/Principal/Director of the affiliating institution (d) A certificate of statement of assets and books purchased out of the project fund issued by the affiliating institution. (e) The Grant-in-Aid Bill for the third installment.
8. Research undertaken by a Project Director may be reviewed by the Monitoring and Advisory Committee constituted by ICSSR and the project may be discontinued/ terminated, if research progress is found unsatisfactory or any ICSSR rules/guidelines are violated.
9. The Project Coordinator/Project Director would organize a workshop before submission of the final report. The workshop would deliberate on data collection process, compilation, organization and analyses of data on the respective scheme/policy initiative.
10. The ICSSR reserves all rights to publish the project funded by it, provided the work is recommended for publication by the ICSSR appointed expert/experts. In case, ICSSR approves the publication of the research work, the scholar should acknowledge that the project has been sponsored by the ICSSR, in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR.
11. The Contingency Grant may be utilized for research and office assistance, books, stationary, computer cost, research assistance and the field work expenses of Project Coordinator, Co-Project Directors and research personnel connected with the research work.
12. The University/ Institution of affiliation will provide to the scholar office accommodation including furniture, library and research facilities and messenger services. For this, the ICSSR shall pay to the University/Institution of affiliation **overhead charges @7.5%** or maximum Rs. 1,00,000/- of the total expenditure incurred on the project only after successful completion of the project.
13. The accounts and the Utilization Certificate will be signed by the Finance Officer/Registrar/Principal/Director in the case of accounts of the institution are audited by CAG/AG. Otherwise, they need to be signed by the Finance Officer and the Chartered Account.
14. The Project Coordinator/ Project Director of the research project will be **Dr. Manidipa Dasgupta**, who will be responsible for the completion of the research project within **5/6 Months** from the date of commencement of the project, which is **07.09.2023** as intimated by the scholar.
15. In case, the Project Coordinator/Project Director fails to submit the periodic / final project report as per schedule with adequate justification, the scholar will be debarred from availing all financial assistance from ICSSR in future.
16. All grants from ICSSR are subject to the general provision of GFR 2017 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.
17. The Project Coordinator/Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the **Indian Council of Social Science Research (ICSSR) Research Projects available in the ICSSR website www.icssr.org**
18. The expenditure on this account is debatable to the **Budget Head-ICSSR (Scheme Code 0877); OH 31.09 Research Projects.**
19. All instalments will be transferred through Public Finance Management System (PFMS) and ICSSR shall implement the EAT module for ensuring transparency of expenditure at all levels and to ensure that there is no parking of funds.

20. As per the instruction from MoE, the amount of grant sanctioned herein is to be utilized by **the end of the project duration**. The unspent amount shall be refunded to the ICSSR immediately on the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period/ or fails to submit the final report within the stipulated time, the grantee will be required to refund the amount of the grant released with a penal interest thereon @ 10% per annum.

Yours faithfully,



(Dr. Richa Sharma)
For MEMBER-SECRETARY

Encl: as above.

Copy to:

1. **Dr. Manidipa Dasgupta (Project Director)**
Manicktala Co-op Hsg Society
Ltd., Flat No. G-52, 108/8
Manicktala Main Road, Kolkata
West Bengal 700054
2. Finance Branch, ICSSR, New Delhi
3. Record file



(Dr. Richa Sharma)
For MEMBER-SECRETARY

35 COMMERCE 23-24

PROJECT BUDGET

Title: Does Deendayal Antyodaya Yojana - National Rural Livelihood Mission (DAY-NRLM) Make Sustainable Livelihood Promotion of Tribes? An Investigation in Jungle Mahal, West Bengal

By: Dr. Manidipa Dasgupta

S. No.	Heads of Expenditure	Value
1	Research Staff: Full time/Part-time/Hired Services	Not exceeding 40% of the total budget.
2	Fieldwork: Travel/Logistics/Boarding, Survey Preparation or Consultancy etc.	Not exceeding 30%
3	Workshop to disseminate the outcomes of the project	Up to 15% (not exceeding INR 2.00 lakh for collaborative research)
4	Equipment and Study material: Computer, Printer, Source Material, Books, Journals, Software, Data Sets etc.	Not exceeding 10%
5	Contingency	Not exceeding 5%
6	Institutional Overheads (over and above the total cost of the project)	Affiliating Institutional overheads @ 7.5% of the approved budget, subject to a maximum limit of Rs 1,00,000/-

➤ Remuneration and Emoluments of Project Staff

(a) Project staff could be engaged by the Project Coordinator/Project Director on a full/ part-time basis during the research work and the duration/consolidated monthly emoluments of their employment may be decided by the Project Coordinator/Project Director within the limits of the sanctioned financial allocation and as per the ICSSR rules.

(b) Research Associate @ Rs.40,000/- p.m.. (Qualification – Post graduate in any social science discipline with minimum 55% marks and NET/SLET/M.Phil/Ph.D)

(c) Research Assistant @ Rs.32,000/-p.m.(Qualification-Ph.D./M.Phil./ Post graduate in social science discipline with minimum 55%)

(d) Field Investigator @ Rs.30,000/-p.m. (not exceeding 3 months) (Qualification- Post graduate in any social science discipline with minimum 55% marks)

(e) Retrospective payment for work already done is not permissible.

➤ **Re-appropriation:** The Institution may re-appropriate expenditure from one head to another up to 10% of the sanctioned budget with the prior approval of the ICSSR.

➤ **Selection of Research Staff** should be done through an advertisement and a selection committee consisting of (1) Project Coordinator/ project Director; (2) One outside Expert (other than the Institute where the project is located); (3) Head of the Department/Dean of relevant faculty.

➤ **For all field work related expenses** of Project Coordinator/Project Director, Co-Project Director and project personnel, rules pertaining to affiliating institutes shall be followed.

➤ **All equipment and books** purchased out of the project fund shall be the property of the affiliating institutions. On completion of the study, the Project Coordinator/ Project Director shall submit an undertaking in this regard. The ICSSR, however, reserves the right to take charge of equipment and books, if it thinks it fit in a case.

➤ **Purchase of equipment/ assets** for the Research Project is permissible only if it is originally proposed and approved by the ICSSR and does not exceed the permissible amount.

➤ **No publication/presentation** in any form related the awarded research shall be made by the researcher or any member of the research team without prior approval of the ICSSR