

23-24

Administrative

No. BT/NER/143/SP44377/2021
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-Programme)

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003

Date: 06/01/2023

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project entitled "**DBT-NER Institutional Biotech Hubs at Science College, Kokrajhar, Assam (Phase-II)**" with focusing area on "**Scientific approaches to develop Biopesticide for controlling Citrus diseases and standardize the products obtained from Citrus limon (L.) Brum f**" for a period of 3 Years 0 Month at a total cost of Rs. **3155200/-** (Rupees Thirty One Lakhs Fifty Five Thousand Two Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : **DBT-NER Institutional Biotech Hubs at Science College, Kokrajhar, Assam (Phase-II)" with focusing area on "Scientific approaches to develop Biopesticide for controlling Citrus diseases and standardize the products obtained from Citrus limon (L.) Brum f".**

2.2 Details of the Investigators:

Dr. Mohesh Gogoi
Assistant Professor,
Department of Botany,
Science College, Kokrajhar,
Assam, 783370

CO-PI:

Dr. Pforeni Jane Sapruna
Assistant Professor,
Department of Zoology,
Science College, Kokrajhar,
Assam - 783370

2.3 Objectives:

1. Exploration, Collection and Identification of Citrus limon varieties on the basis of thorough scientific study followed by the process for development of an effective disease control mechanism including biopesticides and imparting knowledge to the beneficiaries through workshop or hands-on training.
2. Identification of disease causing insects and pests of lemon plants and characterize the same through close observation of their behavior while living on the host plant.
3. Chemical testing of biological pesticide in the laboratory and assessing its efficacy on the basis of field trial. Evaluation of biochemical nature of the lemon juice contents is another important research criterion of the project.

4. Applying mathematical formulae to measure the citrus economy for sustainable growth and development of lemon industry in Kokrajhar district.
5. Assessing the agro-climatic conditions of a land plot to select for large scale lemon cultivation on the basis of meteorological survey and soil analysis.
6. Harnessing ICT skill is pre-requisite for record keeping in computer, similarly compilation and presentation of data, dissemination of research information among the beneficiaries and stakeholders is another objective of the project.

2.4 Time Schedule:

The duration of the project is **3 Years 0 Month** from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is **Rs. 3155200/- (Rupees Thirty One Lakhs Fifty Five Thousand Two Hundred Only)** as per details given below:

S. No.	Item	Year I	Year II	Year III	Total
1	GIA-Capital (Non-Recurring)	200000.00	0	0	200000.00
2	GIA-General (Recurring)	450000.00	400000.00	400000.00	1250000.00
3	GIA-General (Manpower)	518400.00	518400.00	518400.00	1555200.00
4	GIA-General (Overhead)	50000.00	50000.00	50000.00	150000.00
	Total	1218400.00	968400.00	968400.00	3155200.00

**Includes Consumables, Travel, Training/Workshop, Contingency.*

2.6 Equipment

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

3. Head of Account:

The **Non-Recurring** expenditure involved is debatable to:

Demand No. 90	Department of Biotechnology
3425	Other Scientific Research 2022-2023
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance to Research and Development
3425.60.200.29.17.31	Grants -in-Aid General

The **Recurring** expenditure involved is debatable to:

Demand No. 90	Department of Biotechnology
3425	Other Scientific Research 2022-2023
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance to Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

4. Terms & Conditions:

- 4.1 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/instalment will be made only after signing of MoA between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before first release.
 - 4.2 The Coordinator/PI should connect with the state health department and work with healthcare institution/medical colleges of the state to make it more focused.
 - 4.3 If any biological data, as specified in the Biotech-PRIDE Guidelines 2021, are being generated in the project, the PI should submit the data to the Indian Biological Data Centre (IBDC), Regional Centre for Biotechnology, Faridabad, in compliance with the guidelines.
 - 4.4 Release of funds shall be subject to compliance with Revised Procedure for flow of funds under Central Sector Schemes as per Ministry of Finance OM's on the subject dated 09.03.2022.
 - 4.5 The PI/implementing agency shall acknowledge the financial support received from DBT, mentioning the project file number, in publications arising from research work done under this project.
 - 4.6 Expenditure to be made through PFMS EAT module.
 - 4.7 Quarterly deliverables in the project, in quantifiable terms have to be provided for each quarter of the project, based on which, inter-alia, monitoring/review of the project will be done and proposal for release of subsequent instalment will be considered.
5. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.
 6. The Principal, Science College, Kokrajhar, Assam would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.
 7. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-05/2019 dated 30 Jan 2019. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.

Vaishali

8. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organizations is called upon to do so.
9. If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at www.nbaindia.org
- 10 (I) "The PIs/Implementing Agencies shall strictly adhere to the GoI instructions issued vide OM No.F.4.1.2021-PPD dated 30.6.2021 in the matter of issue of Global tender Enquiry with special reference to instructions contained under para 4 of the said OM for procurement of equipments, spares and consumables for research purposes and shall not issue Global Tenders Enquiries before seeking the approval of the competent authority".
- (II) "After incurring the expenditure on import of such items and at the time of submission of UCs to the department next year, the PIs will also furnish the copy of the approval sought from the competent authority for issue of the GTE for such items of import. The releases of next installment of grant will be subject to the fulfillment of the above condition."
11. This issues under the powers delegated to this Department as per IFD Order No. G-17012/1/2020-IFD-DBT dated 15.02.2022 and with the concurrence of IFD, DBT, vide their SAN No. **102/IFD/SAN/1267/2022-23 dated: 05/01/2023.**
12. This sanction order has been noted at serial no. 23 24 in the Register of Grants.

Vaishali

(Dr. Vaishali Panjabi)
Scientist 'F'

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi – 110 003.

Copy to:

- 1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
- 2 National Institute of Immunology (CNA), New Delhi.
- 3 The Principal, Science College, Kokrajhar - 783370, Assam
- 4 Dr. Mohesh Gogoi, Coordinator, Assistant Professor, Department of Botany, Science College, Kokrajhar - 783370, Assam
- 5 Dr. Pforeni Jane Sapruna, Assistant Professor, Department of Zoology, Science College, Kokrajhar - 783370, Assam
- 6 Cash Section, DBT (2 copies).
- 7 Sanction Folder.
- 8 File Copy.

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(Dr. Vaishali Panjabi)
Scientist 'F'

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विज्ञान और प्रौद्योगिकी मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

Annexure -I

Details of the Equipment sanctioned for the implementation of the project entitled "DBT-NER Institutional Biotech Hubs at Science College, Kokrajhar, Assam (Phase-II)" with focus area on "Scientific approaches to develop Biopesticide for controlling Citrus diseases and standardize the products obtained from Citrus limon (L.) Brum f:

Science College, Kokrajhar			
S No.	Name of Equipment	No.	Cost(Rs.)
1.	Power back up battery & Jacket	1	24000.00
2.	Bincular Microscope	1	44000.00
3.	Microtome: LH 11.5, Spencer type	1	45000.00
4.	Laptop/Computer	1	48000.00
5.	Secateurs X2	2	3000.00
6.	Green house	1	36000.00
Total			200000.00



(Dr. Vaishali Panjabi)
Scientist 'F'

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विज्ञान और प्रौद्योगिकी मंत्रालय / M/e Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

Annexure –II

Details of the manpower sanctioned for the implementation of the project entitled "**DBT-NER Institutional Biotech Hubs at Science College, Kokrajhar, Assam**" Focused on "**Scientific approaches to develop Biopesticide for controlling Citrus diseases and standardize the products obtained from Citrus limon (L.) Brum f. "**

Head	No. of Position	Year I	Year II	Year III	Total (Rs.)
Laboratory Assistant/ Lab Attendant/Field worker @ Rs. 20000/- +8 % HRA per month	1	259200	259200	259200	777600
Technical Assistant @ Rs. 20000/- +8 % HRA per month	1	259200	259200	259200	777600
Total(Rs.)		518400	518400	518400	1555200

Emoluments detail of research personal(s) mentioned in table(s) of Annexure-II shall be applicable only if candidate(s) met educational qualification and eligibility criteria as per DST OM No. SR/S9/Z-05/2019 dated 10.07.2020.

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