

No. BT/PR29526/FCB/125/16/2018
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 28.02.2019

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 "**Diversity and Bioactivity of Fungi from Achanakmar-Amarkantak Biosphere Reserve with Emphasis on Conservation**" for a period of 3 Year 0 Month at a total cost of Rs. **6127300** (Rupees Sixty One Lakhs Twenty Seven Thousand Three Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : Diversity and Bioactivity of Fungi from Achanakmar-Amarkantak Biosphere Reserve with Emphasis on Conservation

2.2 Details of the Investigators:

Project Coordinator

Dr. Rohit Sharma

Scientist C

National Centre for Microbial Resource (NCMR)

National Centre For Cell Science

Sai Trinity Complex, Central Tower, SUS Road, Pashan, Pune,
Maharashtra, 411021

Principal Investigators:

Dr. Rohit Sharma

Scientist C

National Centre for Microbial Resource (NCMR)

National Centre For Cell Science

Sai Trinity Complex, Central Tower

SUS Road, Pashan, Pune

Maharashtra - 411021

Dr. Kamlesh Shukla

Assistant Professor

Department of Biotechnology

School of Studies in Bio-Technology

Ravishankar Shukla University, Raipur

Chhattisgarh - 492010

2.3 Objectives:

Overall Objectives:

1. Collection and Isolation of fungi from various habitats of Achanakmar-Amarkantak biosphere reserve.
2. Identification of fungi by morphological and molecular methods.
3. Ex situ conservation of fungi by depositing at NCMR.
4. To check the potential of fungi for bioactivity (anti-bacterial and anti-fungal activity)
5. Identification of active metabolite showing bioactivity.

2.4 Time Schedule:

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

2.5 Project Cost:

The total cost of the project is Rs. **6127300/-**(Rupees Sixty One Lakhs Twenty Seven Thousand Three Hundred Only) as per details given below:

Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. National Centre For Cell Science	1211280	811280	870800	2893360
2. Pt. Ravishankar Shukla University, Raipur Chhattisgarh	1415220	881520	937200	3233940
Total (Rs.)	2626500	1692800	1808000	6127300

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. Pt. Ravishankar Shukla University, Raipur Chhattisgarh				
Equipment	533700.00			533700.00
Manpower	431520.00	431520.00	487200.00	1350240.00
Contingency	100000.00	100000.00	100000.00	300000.00
Overhead	50000.00	50000.00	50000.00	150000.00
Consumables	200000.00	200000.00	200000.00	600000.00
Travel	100000.00	100000.00	100000.00	300000.00
Total (Rs.)	1415220.00	881520.00	937200.00	3233940.00

2. National Centre For Cell Science

Equipment	400000.00			400000.00
Manpower	461280.00	461280.00	520800.00	1443360.00
Consumables	200000.00	200000.00	200000.00	600000.00
Contingency	50000.00	50000.00	50000.00	150000.00
Travel	50000.00	50000.00	50000.00	150000.00
Overhead	50000.00	50000.00	50000.00	150000.00
Total (Rs.)	1211280.00	811280.00	870800.00	2893360.00

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 debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

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


Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants-in-Aid General



4. Terms & Conditions:

Considering the time bound nature of the project, the project will be monitored by the Task Force / Committee constituted by DBT. In addition, the PI will submit half yearly progress report as per format in Annexure-V.


- 4.1 The other terms and conditions governing this sanction are attached at Annexure- III.
- 4.2 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/installment 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. A format of the MoA is enclosed in Annexure-IV
- 4.3 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.
5. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.
6. The Director, National Centre For Cell Science, Pune, Maharashtra and The Registrar, Pt. Ravishankar Shukla University, Raipur Chhattisgarh, 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-08/2018 dated 30.01.2019. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.
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. This issues, under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/4670/2018-2019** dated 28.02.2019.
11. This sanction order has been noted at serial no. 38 in the Register of Grants.


(Dr. Onkar N Tiwari)
Scientist 'E'

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 Rohit Sharma (Project Co-ordinator), NCCS, NCCS Complex, S.P. Pune University Ganeshkhind
- 3 The Director, National Centre For Cell Science, NCCS Complex, Ganeshkhind, Pune - 411007, Maharashtra
- 4 The Registrar, Pt. Ravishankar Shukla University, Raipur Chhattisgarh, Amanaka G.E.Road, Raipur, Chhattisgarh- 492010
- 5 Dr. Kamlesh Shukla, Assistant Professor, Department of Biotechnology, Pt. Ravishankar Shukla University, Raipur Chhattisgarh - 492010
- 6 Dr. Rohit Sharma, Scientist C, National Centre for Microbial Resource (NCMR), National Centre For Cell Science, Sai Trinity Complex, Central Tower, SUS Road, Pashan, Pune - 411021, Maharashtra
- 7 Cash Section, DBT (2 copies).
- 8 Sanction Folder.
- 9 File Copy.


(Dr. Onkar N Tiwari)
Scientist 'E'

Annexure -I

Details of the Equipment sanctioned for the implementation of the project entitled "**Diversity and Bioactivity of Fungi from Achanakmar-Amarkantak Biosphere Reserve with Emphasis on Conservation**":

Pt. Ravishankar Shukla University, Raipur Chhattisgarh			
SNo.	Name of Equipment	No.	Cost(Rs.)
1.	Microscope	1	492700.00
2.	Visicooler	1	41000.00
Total			533700.00
National Centre For Cell Science			
SNo.	Name of Equipment	No.	Cost(Rs.)
1.	Microscope Up-gradation	1	200000.00
2.	Rotatory Evaporator	1	200000.00
Total			400000.00



(Dr. Onkar N Tiwari)
Scientist 'E'

Annexure -II

Details of the manpower sanctioned for the implementation of the project entitled "**Diversity and Bioactivity of Fungi from Achanakmar-Amarkantak Biosphere Reserve with Emphasis on Conservation**":

Head	No. of Position	Year I	Year II	Year III	Total (Rs.)
1. National Centre For Cell Science					
Junior Research Fellow @ Rs. 31000/- + 24% HRA P.M for 1st& 2nd year &	One	461280.00	461280.00	520800.00	1443360.00
Senior Research Fellow @ Rs. 35000/- + 24% HRA P.M for 3rd year					
Total(Rs.)		461280.00	461280.00	520800.00	1443360.00
2. Pt. Ravishankar Shukla University, Raipur Chhattisgarh					
Junior Research Fellow @ Rs. 31000/- + 16% HRA P.M 1st,& 2nd year &	One	431520.00	431520.00	487200.00	1350240.00
Senior Research Fellow @ Rs. 35000/- + 16% HRA P.M for 3rd year					
Total(Rs.)		431520.00	431520.00	487200.00	1350240.00

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-08/2019 dated 30.01.2019


(Dr. Onkar N Tiwari)
Scientist 'E'