#### RDRM FORM A 1

## INFORMATION OF SANCTIONED PROJECT AND APPROVAL FOR IMPLEMENTATION

|     | (REQUEST FOR VICE CHANCELLOR'S APPROVAL)   |
|-----|--|
| 1.  | Project Title and sanction letter No. Bioprospecting of Goan   |
|     | salt pans to identify indegranous pigment prod. bacterin   |
|     | suitable for food & pharmaceutical applications  |
| 2.  | Funding agency: DBT. (Regiett N° BT/PR41474/NDB  |
| 3.  | Department: Biotechnology 139/760/2020)  |
| 4.  | Principal Investigator: Prajo Savita Kerkar  |
| 5.  | Co-investigator (if any): Dr. Krishnan KP. NCPOR.  |
| 6.  | Duration of project: 3 years.  |
| 7.  | Total amount of the project :Rs. 43,97,700/-   |
| 8.  | Sanctioned Sub Heads and amount: (attached): a) manpower   |
|     | b) consumables   |
|     | c) Travel  |
|     | d) contingency   |
| 9.  | e) othes? Overhead: Rs. 50,000/-   |
| 10. | Number and Designations of research staff: one for GU, one for   |
| 11. | Terms and conditions: Yearly submission,  a) Dates for submission of Report  |
|     | b) Dates for submission of utilization certificate:  |
| 12. | Year wise break-up of the sanctioned amount: 641520/- for Graa Univ Per year.  -2-  Yearwise break-up of the sanctioned amount: 641520/- for Graa Univ |
|     | -2- recurring,   |
|     | O  |

### (FOR USE BY RDRM)

| 1. Project No. : GUD-RDRM/DBT/SSK/Biotechnology/50/2019-20  |
|---|
| 2. Amount : Rs. 6,41,5201- Per year   |
| 3. Duration: 3 yeurs  |
| 4. Any financial burden on University:  |
| 5. Additional space essential: No.  |
| 6. Is the PI aware of safety regulations? Yes  7. 15% Overhead expenditure included: Rs. 50,000 - Per Year. |
| 8. Approved for V.C.'s signature: Yes.  |
| Mm  |
| Director, RDRM  |
| (FOR USE BY VICE CHANCELLOR)  |
|   |
| Approved/Net Approved.  |
|   |

Date: | a | lo | ALA |

Vice Chancellor

# No. BT/PR41474/NDB/39/760/2020 GOVERNMENT OF INDIA MINISTRY OF SCIENCE & TECHNOLOGY DEPARTMENT OF BIOTECHNOLOGY

Block 2, (6-8th Floors) CGO Complex, Lodhi Road, New Delhi- 110 003 Date: 29.09.2021.

#### **RELEASE ORDER**

In continuation of this Department's sanction order of even number dated 28.09.2021 sanction of the President is hereby accorded, under Rule18 of the Delegation of Financial Powers Rule, 1978, for the release of Rs.13836800.00 (Rupees One Crores Thirty Eight Lakhs Thirty Six Thousand Eight Hundred Only) being the first year Recurring release for the project entitled "Bioprospecting of Marine microbial diversity for various products" under the Marine Bioresource and Biotechnology Network Programme", being implemented by:

- Dr. R. Balagurunathan, Professor & Head, Department of Micorbiology, School of Bioscience, Periyar University, Salem - 636 011
- Dr. Soumya Haldar, Analytical and Environmental Science & Centralized Instrument Facility, CSIR-Central Salt and Marine Chemicals Research Institute, GB Marg, Room No. 2, Bhavnagar, Gujarat – 364 002
- Dr. S T Somasudaram, Professor, Centre of Advanced Study in Marine Biology, CAS in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai-608 502
- 4. Dr Savita Kerkar, Professor, Department of Biotechnology, Faculty Block E, Goa University, Taleigao plateau, Goa 403 206
- Dr. K. P. Krishnan, Scientist E & Officer in Charge (ACOSTI- Port Blair), Department of Cryobiology Laboratory, National Centre for Polar and Ocean Research, Headland Sada, Vascoda- Gama, Goa 403 804
- Dr. Sajeevan T. P., Assistant Professor in Marine Biotechnology, National Centre for Aquatic Animal Health, Cochin University of Science and Technology, Lakeside Campus, Fine Arts Avenue, Cochin - 682 016
- Dr. NarenderTadigoppula, Professor (AcSIR) and Sr. Principal Scientist, Medicinal and Process Chemistry Department, CSIR-Central Drug Research Institute, Jankipuram Extension, Sitapur Road, Lucknow
- Dr. Sanjeev C. Ghadi, Professor and Head of Department, Department of Biotechnology, Faculty Block E, Goa University, Taleigao plateau, Goa - 403 206
- Prof. Pramod P Wangikar, Professor, Department of Chemical Engineering, Indian Institute of Technology Bombay, IIT Powai, Mumbai, 400 076
- Dr. D. Inbakandan, Scientist E / Associate Professor, Centre for Ocean Research (DST-FIST Sponsored), Sathyabama Institute of Science and Technology, Dr. Jeppiaar Research Park, Chennai, Tamil Nadu, 600 119

डा. मनोज कुमार मोदी / Dr. Maner Numar Modi वैज्ञानिक 'ई' / Scientist 'E' बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology विज्ञान और प्रौद्यो. मंत्रालय / M/o Science & Tech. भारतं सरकार, नई दिल्ली / Govt. gf India, N. Delhi,

Compand thenush about

The detailed break-up is as given below:

|  | Institute<br>Name  | Recurring   |  |   |                               |                    |                           | Total Release<br>Amount (Rs)                |
|--|--|---|--|---|-------------------------------|--------------------|---------------------------|---|
|  |  |   | Consumable   | Travel  | Contingency                   | Others             | Overhead                  |   |
| 1  | Annamalai<br>University,<br>Parangipetta   |   | 400000.00  | 50000.00  | 50000.00                      | 1000               |                           | 1210960.0                                   |
| 2  | Central Drug<br>Research<br>Institute<br>Lucknow   | 487200.00   | 800000.00  | 50000.00  | 50000.00                      | 0.00               | 50000.00                  | 1437200.0                                   |
|  | Central Salt<br>& Marine<br>Chemicals<br>Research<br>Institute,<br>Bhavnagar   | 863040.00   | 40000.00   | 50000.00  | 50000.00                      | 0.00               | 50000.00                  | 1413040.0                                   |
|  | Cochin<br>University of<br>Science and<br>Technology<br>Cochin   | 1016160.00  | 600000.00  | 50000.00  | 300000.00                     | 0.00               | 50000.00                  | 2016160.00                                  |
| -  | Goa<br>University,<br>Goa  | 431520.00   | 100000.00  | 10000.00  | 50000.00                      | 0.00               | 50000.00                  | 641520.00                                   |
| F  | Above mentio<br>Principal Inves  | stigator: Dr Sa<br>eigao plateau                              |  | ofessor, D  | epartment of Bi               | otechno            |                           | Block E, Goa                                |
| F  | Above mention Principal Investing University, Tale Goa University, Goa Above mention   | eigao plateau<br>863040.00                                    | 800000.005   | ofessor, D  | 50000.00                      | 0.00               | 50000.00                  | 1813040.00                                  |
| F C C C C C C C C C C C C C C C C C C C                          | Above mention Principal Inves University, Tale Goa University, Goa Above mention Or. Sanjeev C.  | eigao plateau<br>863040.00<br>ned fund is re<br>Ghadi, Profes | 800000.005   | Ofessor, D  | 50000.00                      | 0.00               | 50000.00                  | 1813040.00                                  |
| A D G G Ir   | Above mention Principal Invess University, Tale Goa University, Goa Above mention Pr. Sanjeev C. Goa University,   | eigao plateau<br>863040.00<br>ned fund is re<br>Ghadi, Profes | 800000.005   | ofessor, D<br>50000.00<br>FPROJECT<br>of Departm<br>206 | 50000.00                      | 0.00               | 50000.00                  | 1813040.00                                  |
| A D G G Ir Tr Tr Be M N C C c c P L                              | Above mention Principal Inves University, Tale Goa University, Goa Above mention Or. Sanjeev C. Goa University, Indian Institute of echnology ombay Mumbai ational entre For ell Science une   | 863040.00  ned fund is re Ghadi, Profes , Taleigao plat       | Room Substantial Reviews And S | PROJECT<br>f Departm<br>206                             | 50000.00  - D nent, Departmen | 0.00               | 50000.00<br>echnology, Fa | 1813040.00                                  |
| A A D G G Irr Tri Ba M N C G G P C G G G G G G G G G G G G G G G | Above mention Principal Investigation Principal Invest | 863040.00  ned fund is re Ghadi, Profes , Taleigao plat       | Revita Kerkar, Pr<br>, Goa - 403 206<br>800000.00<br>8000000.00<br>8leased for SUB<br>Sor and Head of<br>teau, Goa - 403<br>1000000.005  | 60000.00<br>60000.00<br>60000.00<br>60000.00            | 50000.00  - D nent, Departmen | 0.00<br>ot of Biot | 50000.00<br>echnology, Fa | 1813040.00<br>eculty Block E,<br>2905840.00 |

डा. मनोज कुमार मोदी / Dr. Manoj Kunta Modi वैज्ञानिक 'ई' / Scientist 'E' बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology विज्ञान और प्रौद्यो. मंत्रालय / M/o Science & Tech. भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

- The amount of Rs. 13836800.00 /-(Rupees One Crores Thirty Eight Lakhs Thirty Six Thousand Eight Hundred Only) will be directly credited by the Pay & Accounts Officer, DBT in the account as detailed below:
  - 1. Rs.1259920.00/- (Rupees Twelve Lakhs Fifty Nine Thousand Nine Hundred and Twenty Only) to The Registrar, Periyar University, Salem - 636 011

Bank Name : Canara Bank

Branch

: Periyar University Branch

Name

A/c No. IFSC Code : CNRB0008450

: 8450101005289

MICR Code : 636015024

2. Rs.641520.00/- (Rupees Six Lakhs Fourty One Thousand Five Hundred and Twenty Only) to Director, National Centre For Polar And Ocean Research, Vasco-da-Gama, Goa 403 804

Bank Name : State Bank of India

Branch

: Commercial Branch Vasco

Name

A/c No. : 10153336180

IFSC Code : SBIN0004116

MICR Code : 403002047

3. Rs.1437200.00/- (Rupees Fourteen Lakhs Thirty Seven Thousand Two Hundred Only) to The Director, Central Drug Research Institute, Lucknow – 226 001, Uttar Pradesh

Bank Name : State Bank of India

Branch

: CDRI Branch

Name

A/c No.

: 30269374557

IFSC Code : SBIN0010174

MICR Code : 226002050

4. Rs.2905840.00/- (Rupees Twenty Nine Lakhs Five Thousand Eight Hundred and Fourty Only) to The Registrar, Indian Institute of Technology Bombay, Mumbai 400 076

Bank Name : Canara Bank

Branch : IIT Powai

Name

A/c No.

: 2724101113370

IFSC Code : CNRB0002724

MICR Code : 400015129

डा. मनोज कुमार मोदी / Dr. Marle Kumar Modi वैज्ञानिक 'ई' / Scientist 'E' बायोटेक्नोलॉजी विमाग/Deptt. of Biotechnology

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

Page No. [3 / 8]

5. Rs.2016160.00/- (Rupees Twenty Lakhs Sixteen Thousand One Hundred and Sixty Only) to The Registrar, Cochin University of Science and Technology, cochin 682 022

Bank Name : Bank of India

Branch

: Kalamassery South Branch

Name

A/c No.

: 856910100005847

IFSC Code : BKID0008569

MICR Code : 682013007

6. Rs.1813040.00/- (Rupees Eighteen Lakhs Thirteen Thousand and Fourty Only) to The Registrar, Goa University, Taleigao Plateau, Goa – 403 206, Goa

Bank Name : SBI

Branch

: Goa University Branch

Name

A/c No.

: 10664493609

IFSC Code : SBIN0004311

MICR Code : 403002053

7. Rs.641520.00/- (Rupees Six Lakhs Fourty One Thousand Five Hundred and Twenty Only) to The Registrar, Goa University, Taleigao Plateau, Goa – 403 206

Bank Name : SBI

Branch

: Goa University Branch

Name

A/c No.

: 10664493609

IFSC Code : SBIN0004311

MICR Code : 403002053

8. Rs.1210960.00/- (Rupees Twelve Lakhs Ten Thousand Nine Hundred and Sixty Only) to The Registrar, Annamalai University, Parangipetti - 608 002

Bank Name : ICICI bank

Branch

: Annamalainagar

Name

A/c No.

: 621201159612

IFSC Code : ICIC0006212

MICR Code : 605229010

डा. मनोज कुमार मोदी / Dr. Manoj Kum वैज्ञानिक 'ई' / Scientist 'E' बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology

विज्ञान और प्रौद्यो. मंत्रालय/M/o Science & Tech. भारत सरकार, नई दिल्ली/Govt. of India, N. Delhi  Rs.1413040.00/- (Rupees Fourteen Lakhs Thirteen Thousand and Fourty Only) to The Director, Central Salt & Marine Chemicals Research Institute, Bhavnagar – 364 021

Bank Name : State Bank of India Branch : Waghawadi Road

Name

A/c No. : 30267310153 IFSC Code : SBIN0010863 MICR Code : 364002023

 Rs.497600.00/- (Rupees Four Lakhs Ninety Seven Thousand Six Hundred Only) to The Director, National Centre For Cell Science, NCCS Complex, Ganeshkhind, Pune – 411 007, Maharashtra

TSA Account National Centre For Cell Science, Pune

Name:

Bank Name : Reserve Bank of India

A/c No.

: 10676301001

IFSC Code : RBIS0PFMS01

डा. मनोज कुमार मोदी / Dr. Mano Kernar Modi वैज्ञानिक 'ई' / Scientist 'E' बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology विज्ञान और प्रौद्यो. मंत्रालय / M/o Science & Tech. भारतं सरकार, नई दिल्ली / Govt. of India, N. Delhi 3. The expenditure involved is debitable to:

| Demand No. 89        | Department of Biotechnology   |  |  |  |
|----------------------|---|--|--|--|
| 3425                 | Other Scientific Research 2021-2022   |  |  |  |
| 3425.60              | Others (Sub Major Head)   |  |  |  |
| 3425.60.200          | Assistance to other Scientific Bodies (Minor Head) Biotechnology Research and Development |  |  |  |
| 3425.60.200.29       |   |  |  |  |
| 3425.60.200.29.17    | Assistance to Research and Development  Grants -in-Aid General                            |  |  |  |
| 3425.60.200.29.17.31 |   |  |  |  |

- 4. The Registrar, Goa University, Goa; The Director, National Centre For Polar And Ocean Research, Vasco da Gama, Goa; The Director, Central Salt & Marine Chemicals Research Institute, Bhavnagar; The Registrar, Cochin University of Science and Technology, Cochin; The Director, National Centre For Cell Science, Pune; The Registrar, Indian Institute of Technology Bombay, Mumbai; The Registrar, Periyar University Salem, Salem; The Registrar, Annamalai University, Cuddalore, Tamilnadu and The Director, Central Drug Research Institute, Lucknow, Uttar Pradesh will submit audited utilization certificates and statements of expenditure in respect of the above-mentioned amount.
- 5. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations 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 Organisation is called upon to do so.
- No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.
- 7. 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 Utilisation Certificate and Statement of Expenditure. The interest earned should be remitted to the Consolidated fund of India through Bharat Koshportal(www.bharatkosh.gov.in) as per GFR-2017-230(8) after finalization of the account for a given Financial Year.
- 8. The other terms and conditions governing the financial sanction will remain unaltered.
- This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. 102/IFD/SAN/1288/2021-2022 dated September, 28 2021

10. This sanction order has been noted at serial no. \_\_\_\_\_\_ in the Register of Grants Grants and at serial no. \_\_\_\_\_\_ 205, 206, 207, 208, 209, 210, 211, 212 and 213 in e-Grant Register of eProMIS portal.

(Dr. Manoj Komer Modi)

Scientist 'E'

To,
The Pay & Accounts Officer,
Department of Biotechnology,

New Delhi - 110 003.

वैज्ञानिक 'ई / Scientist 'E' बायोटेक्नोलॉजी विभाग/Deptt. of Biotechnology विज्ञान और प्रौद्यो. मंत्रालय/M/o Science & Tech. भारत संस्क्बर, नई दिल्ली/Govt. of India, N. Delhi

डा. मनोज कुमार मोदी / Dr. Manoj Kumar Modi

Copy to:

- The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi-110 002.
- Dr. Yogesh S Shouche, Project Co-ordinator & Principal Investigator, Emeritus Scientist, National Centre for Microbial Resource, National Centre For Cell Science, First floor, Central Tower, Sai Trinity Building, Pune, Maharashtra 411 021
- 3. The Director, Central Drug Research Institute, Lucknow
- 4. The Director, Central Salt & Marine Chemicals Research Institute, Baroda, Gujarat
- 5. The Director, National Centre for Cell Science, Pune
- 6. The Director, National Centre for Polar and Ocean Research, Goa
- 7. The Registrar, Indian Institute of Technology Bombay, Mumbai
- 8. The Registrar, Annamalai University, Cuddalore
- 9. The Registrar, Cochin University of Science and Technology, Cochin
- 10. The Registrar, Goa University, Goa
- 11. The Registrar, Periyar University Salem, Salem
- Dr. R. Balagurunathan, Professor & Head, Department of Micorbiology, School of Bioscience, Periyar University, Salem - 636 011
- 13. Dr. Soumya Haldar, Analytical and Environmental Science & Centralized Instrument Facility, CSIR-Central Salt and Marine Chemicals Research Institute, GB Marg, Room No. 2, Bhavnagar, Gujarat 364 002
- 14. Dr. S T Somasudaram, Professor, Centre of Advanced Study in Marine Biology, CAS in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai-608 502
- **15. Dr Savita Kerkar,** Professor, Department of Biotechnology, Faculty Block E, Goa University, Taleigao plateau, Goa 403 206
- 16. Dr. K. P. Krishnan, Scientist E & Officer in Charge (ACOSTI- Port Blair), Department of Cryobiology Laboratory, National Centre for Polar and Ocean Research, Headland Sada, Vascoda- Gama, Goa 403 804
- 17. Dr. Sajeevan T. P., Assistant Professor in Marine Biotechnology, National Centre for Aquatic Animal Health, Cochin University of Science and Technology, Lakeside Campus, Fine Arts Avenue, Cochin - 682 016
- 18. Dr. Narender Tadigoppula, Professor (AcSIR) and Sr. Principal Scientist, Medicinal and Process Chemistry Department, CSIR-Central Drug Research Institute, Jankipuram Extension, Sitapur Road, Lucknow
- Dr. Sanjeev C. Ghadi, Professor and Head of Department, Department of Biotechnology,

Faculty Block E, Goa University, Taleigao plateau, Goa - 403 206

- 20. Prof. Pramod P Wangikar, Professor, Department of Chemical Engineering, Indian Institute of Technology Bombay, IIT Powai, Mumbai, 400 076
- 21. Cash Section

22. File Copy

(Dr. Manoj Kumar Modi)

Scientist 'E'

डा. मनोज कुमार मोदी/Dr. Manoj Kumar Modi वैज्ञानिक 'ई/Scientist 'E' बायोटेक्नोलॉजी विभाग/Deptt. of Biotechnology दिज्ञान और प्रौद्यो. मंत्रालय/M/o Science & Tech. भारतं सरकार, नई दिल्ली/Govt. of India, N. Delhi