RDRM FORM A1

INFORMATION OF SANCTIONED PROJECT AND APPROVAL FOR IMPLEMENTATION (REQUEST FOR VICE CHANCELLOR'S APPROVAL)

1. Project Title: Deciphering the tectonic evolution of the Precambrian rocks along the West Coast of India at the proposed northern margin of the Western Dharwar Craton, and the Madagascar-India connection revisited

Sanction Order No.: SRG/2021/001081

Diary No./ Finance No.: SERB/F/5394/2021-2022

- 2. Funding agency: Science & Engineering Research Board (SERB)
- 3. Department: School of Earth, Ocean and Atmospheric Sciences
- 4. Principal Investigator: Dr. Nicole Ann Fae Sequeira
- 5. Co-Investigator (if any): None
- 6. Duration of Project: 2 years
- 7. Total amount of the project: Rs. 29,70,520/-
- 8. Sanctioned Sub Heads and amount:
 - a) Manpower: Rs. 8,03,520/-
 - b) Chemicals/Consumables+ Contingency+ Travel: Rs. 8,92,000/-
 - c) Equipment: Rs. 9,95,000/-
 - d) Scientific Social Responsibility: Rs. 10,000/-
- 9. Overhead: Rs. 2,70,000/-
- 10. Number and Designation of research staff: 01- JRF
- 11. Terms and Conditions
 - a) Dates of submission of Report: 28/12/22 and 28/12/23
 - b) Dates for submission of utilization certificate: After each financial year
- 12. Yearwise break-up of sanctioned amount:

Year 1 (2022): Grants-in-aid Capital: Rs. 995000

Grants in aid General: Rs. 1005000

Year 2 (2023): Rs. 970000

- 13. Plan of utilization of sanctioned grant over the year: (use additional sheet)
 Year 1:
 - a) Equipment: Rs. 9,95,000
- (i) Vibratory Cup Mill
- (ii) Jaw crusher
- b) Manpower (01 JRF): Rs. 4,01,760 (@ Rs. 31,000/- per month + Rs. 2,480/- HRA)
- c) Travel: Rs. 50,000
- d) Consumables: Rs. 80,000

- e) Contingency: R. 40,000
- f) Other costs (including analysis): Rs. 2,00,000
- g) Scientific Social Responsibility: Rs. 10000
- h) Overhead costs: Rs. 1,35,000

Year 2:

- a) Manpower (01 JRF): Rs. 4,01,760 (@ Rs. 31,000/- per month + Rs. 2,480/- HRA) b) Travel: Rs. 50,000
- c) Consumables: Rs. 20,000
- d) Contingency: R. 52,000
- e) Other costs (including analysis): Rs. 4,00,000
- f) Overhead costs: Rs. 1,35,000

Project Investigator

Date: 14th January 2022

Date

(FOR USE OF RDRM)

- 1. Project No. GUID-RDRM/SERB/NS/SEOAS/33/2020-21
- 2. Overhead expenditure sanctioned: Rs. 2 70000 /
- 3. Mode of submission of utilization certificate (Half Yearly/ Yearly)
- 4. Details recorded in
 - a) Section III
 - b) Finance Office

c) RDRM

(FOR USE BY VICE CHANCELLOR)

(Sanctioned/ not sanctioned)

Date: dofo face

d) Consumables: Rs. 80,000

FILE NO. SRG/2021/001081

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: 16 December, 2021

ORDER

Subject: Financial Sanction of the research project titled Deciphering the tectonic evolution of the Precambrian rocks along the West Coast of India at the proposed northern margin of the Western Dharwar Craton, and the Madagascar-India connection revisited under the guidance of Dr. Nicole AnnFae Sequeira, School of Earth Ocean and Atmospheric Sciences, Goa University, Taleigao, North goa, Goa-403206 - 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. 2970520/- (Rs. Twenty Nine Lakh Seventy Thousand Five Hundred and Twenty Only) with break-up of Rs. 995000/- under Capital (Non-recurring) head and Rs.1975520/- under General (Recurring) head for a duration of 24 months. The items of expenditure for which the total allocation of Rs. 2970520/- has been approved are given below:

The following budget may be considered for Goa University, Taleigao

S. No	Head	Total (in Rs.)
Α	Non-recurring	Sucretary of D
1	Equipment -> Vibratory Cup Mill+5% GST -> Jaw Crusher + 5% GST	995000
A'	Total (Non-Recurring)	995000
В	Recurring Items	Mane's
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies, Other Cost) Recurring - III : Scientific Social Responsibility	803520 892000 10000
2	Recurring - IV : (Overhead Charges)	270000
B'	Total (Recurring)	1975520
С	Total cost of the project (A' + B')	2970520

- 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 activites 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

- 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 manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project
- 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/2021/001081 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.
- 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. Prahlad Ram)
Scientist D
prahlad@serb.gov.in

To, Under Secretary SERB, New Delhi

Copy forwarded for information and necessary action to: -

beneats to the staff employed in the prop

1.	1111111	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.		Sanction Folder, SERB , New Delhi.
3.	cakos.	File Copy
4.	V	Dr. Nicole AnnFae Sequeira School of Earth Ocean and Atmospheric Sciences Goa University , Taleigao, North goa, Goa-403206 Email: nix.seq@gmail.com Mobile: 918007992006 (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.) Seed	Vice-Chancellor, Goa University, Taleigao (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Prahlad Ram) Scientist D

prahlad@serb.gov.in

FILE NO. SRG/2021/001081-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: 16 December, 2021

ORDER

Subject: Research project entitled Deciphering the tectonic evolution of the Precambrian rocks along the West Coast of India at the proposed northern margin of the Western Dharwar Craton, and the Madagascar-India connection revisited under the guidance of Dr. Nicole AnnFae Sequeira, School of Earth Ocean and Atmospheric Sciences, Goa University, Taleigao, North goa, Goa-403206.

- 1. In continuation of SERB's sanction order No. SRG/2021/001081 dated 16 December, 2021, sanction of the competent authority is hereby accorded to the payment of a sum of Rs.1005000/- under 'Grants-in-aid General' to Goa University, Taleigao, North Goa, Goa-403206 being the grant for the financial year 2021-2022 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 16 December, 2021.
- 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 Start-up Research Grant (General).(EC Earth & Atmospheric Sciences)
- 5. The Sanction has been issued with the approval of the competent authority on 14 December, 2021 and vide Diary No. SERB/F/5395/2021-2022 dated 15 December, 2021...
- 6. The release amount of **Rs. 1005000/-** (Rupees Ten Lakh Five Thousand 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	UNIGOA	4
Account Name	Goa University	
Account Number	10664493609	<
Bank Name & Branch	State Bank of India State Bank of India, University Branch, Goa University Complex, Taleigao Plateau 403206	
IFSC/RTGS Code	SBIN0004311	4
Email id of A/C Holder	registrar@unigoa.ac.in	A
Email id of PI	nix.seq@gmail.com	John

(Dr. Prahlad Ram) Scientist D prahlad@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. Nicole AnnFae Sequeira School of Earth Ocean and Atmospheric Sciences Goa University, Taleigao, North goa, Goa-403206 Email: nix.seq@gmail.com Mobile: 918007992006 (Start date of the project may be intimated by name to the undersigned. For guidance, Vice-Chancellor
910011	Vice-Chancellor, Goa University, Taleigao
ber 2021	(Receipt of Grant may be intimated by name to the undersigned)

(De Prahlad Ram)
Scientist D
prahlad@serb.gov.in

The release amount of Rs. 1005000/- (Rupees Ten Laich Tive Thousand only) and be diawn by the Under strain of the SERB and will be disbursed by means of RTOS transaction as per their Bank defails given allow the SERB and will be disbursed by means of RTOS transaction as per their Bank defails given show the SERB and will be disbursed by means of RTOS transaction as per their Bank defails given stop and the SERB and will be disbursed by means of RTOS transaction as per their Bank defails given stop and the SERB and will be disbursed by means of RTOS transaction as per their University Stop and the SERB and will be disbursed by means of the SERB and the SERB and

FILE NO. SRG/2021/001081-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: 16 December, 2021

Subject: Research project entitled Deciphering the tectonic evolution of the Precambrian rocks along the West Coast of India at the proposed northern margin of the Western Dharwar Craton, and the Madagascar-India connection revisited under the guidance of Dr. Nicole AnnFae Sequeira, School of Earth Ocean and Atmospheric Sciences, Goa University , Taleigao, North goa, Goa-403206.

- 1. In continuation of SERB's sanction order No. SRG/2021/001081 dated 16 December, 2021, sanction of the competent authority is hereby accorded to the payment of a sum of Rs.995000/- under 'Grants-in-aid Capital' to Goa University, Taleigao, North Goa, Goa-403206 being the grant for the financial year 2021-2022 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 16 December,
- 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 Start-up Research Grant (Capital).(EC Earth & Atmospheric Sciences)
- 5. The Sanction has been issued with the approval of the competent authority on 14 December, 2021 and vide Diary No. SERB/F/5394/2021-2022 dated 15 December, 2021.
- 6. The release amount of Rs. 995000/- (Rupees Nine Lakh Ninety Five Thousand 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	UNIGOA	
Account Name	Goa University	
Account Number	10664493609	
Bank Name & Branch	State Bank of India State Bank of India, University Branch, Goa University Complex, Taleigao Plateau 403206	
IFSC/RTGS Code	SBIN0004311	
Email id of A/C Holder	registrar@unigoa.ac.in	000
Email id of PI	nix.seq@gmail.com	Jan

(Dr. Prahlad Ram) Scientist D prahlad@serb.gov.in

To, **Under Secretary** SERB, New Delhi

Copy forv	varded 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

brace do 1	Dr. Nicole AnnFae Sequeira School of Earth Ocean and Atmospheric Sciences Goa University , Taleigao, North goa, Goa-403206 Email: nix.seq@gmail.com Mobile: 918007992006 (Start date of the project may be intimated by name to the undersigned. For geterms & Conditions etc. Please visit www.serb.gov.in.)	uidance,
	Vice-Chancellor, Goa University, Taleigao	2216
(Cost and the Cost	(Receipt of Grant may be intimated by name to the undersigned)	
		Prahlad Ram)
	Mile bereig seeded to the payment of halfolders - older Grann Schard v. Taletolo, North Cos. Son - 402200 being the mark for the boardal va	Scientist D d@serb.gov.in
	e involved is debusble to Fund for Science & Engineering Research (FSER) The Start-up Research Grant (General) (EC Earth & Almospheric Sciences)	
	Start-up Research Grant (General) (EC Earlin & Almospheric Sciences) is been usued with the approval of the compelent authority on 14 December 18-15-50-50-20-20-20-20-20-20-20-20-20-20-20-20-20	
	Start-up Research Grant (General) (EC Earlin & Almospheric Sciences) is been usued with the approval of the compelent authority on 14 December 18-15-50-50-20-20-20-20-20-20-20-20-20-20-20-20-20	
	Start-up Research Grant (General) (EC Earlin & Almospheric Sciences) as been usued with the approval of the competent authority on 1s December 1825-2021-2022 dated 35 Becamber, 2021 The Expension of Rs. 1005000/- (Rupees Ten Laich Five Thousand only) will be drawn by the disbursed by means of RIGS transaction as per their Bank dated and will be disbursed by means of RIGS transaction as per their Bank dated and will be disbursed by means of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction as per their Bank dated and the Competent of RIGS transaction and transaction and the Competent of RIGS transaction and the Competent of	
	Start-up Research Grant (General) (EC Earlin & Almospheric Sciences) is been issued with the approval of the competent authority on 1s Describer tavers205,2021-2022 dated as December, 2021 sunt of Rs. 1005000/- (Rupees Ten Leich Five Thousand only) will be drawn by ERB and will be disbursed by means of RTOS transaction as per their Bank the UNIGOA. Coa University Goa University 10664493509	
	Start-up Research Crant (Ceneral) (EC Earlin & Almospheric Sciences) is been usued with the approval of the competent authority on In December twe-Existration of Research (Rupees Ten Laich Five Thousand only) will be drawn by the of Research of Research only will be drawn by ERB and will be disbursed by means of Recontant as per their Bank de Lunicos. UNICOS. Once The Competent of Recontant	
	Start-up Research Grant (Ceneral) (EC Earlin & Almospheric Sciences) is been usued with the approval of the competent authority on In December twe-Existy-2021-2022 dated 35 Becamber, 2021 control Rs. 1005000/- (Rupees Ten Laich Five Thousand only) will be drawn by ERB and will be disbursed by means of RIGS transaction as per their Bank de LINICOA OUNICOA OUNTERED Start Bank of means of RIGS transaction as per their Bank de Coa University Start Bank of India Starts Bank of redia-University Branch Gos University Start Bank of India Starts Bank of redia-University Branch Gos University	
	Start-up Research Grant (General) (EC Earth & Almospheric Sciences) re been issued with the approval of the competent authority on 1s December, research 2022 dated 15 December, 2021 sunt of Rs. 1005000/- (Rupees Ten Laich Five Thousand only) will be drawn by ERB and will be disbursed by means of RioS transaction as per their Bank de UNIGOA Goa University Goa University State Bank of Midia State Bank of meta-linear of some needy and to the complex fallows of Fishers and State Bank of Midia State Bank of meta-linear of meta-linear of the complex fallows of Fishers and 2005	
	Start-up Research Crant (Ceneral) (EC Earlin & Almospheric Sciences) us been usued with the approval of the competent authority on In December users 2021-2022 dated 35 Becamber, 2021 control Rs. 1005000/- (Rupees Ten Laich Five Thousand only) will be drawn by ERB and will be disbursed by means of RICS transaction as per their Bank de UNICOA Coa University State Bank of India State Bank of redia-University Branch Gos University State Bank of India State Bank of redia-University Branch Gos University Complex, Talangeo Flateau 403206 SBIN0004311	
	Start-up Research Grant (General) (EC Larth & Almospheric Sciences) se been issued with the approval of the competent authority on 14 December up E 5305/2021-2022 dated is necessber, 2021 Bunt of Rs. 1005000/- (Rupees Ten Laich Five Introsput only) will be drawn by ERB and will be disbursed by means of RIOS transaction as per their Bank it UNIGOA UNIGOA Goa University State Bank of India State Bank of India University Branch Goa University Complex, Talaigue Flateau 403206 Shiktoodaiii sequal:angunique acting only of sease of cascumer at your ment to consult	
	Start-up Research Grant (General) (EC Earth & Atmospheric Sciences) is been issued with the approval of the compelent authority on Is December 1246-1335/2041-2042 dated as December, 2041 Burnt of Rs. 1005000/- (Rupees Ten Laich Five Russaud only) will be drawn by 1258 and will be disbursed by means of RTOS transaction as per their Bank di 1260 University Gos University State Bank of India State bank of india University Branch Gos University Complex/Talengo Plateau 403205 SBIN0004311 requires Quantique set in each of security Branch Gos University Inju seq@quantl com Inju seq@quantl com (Dr. P.	
	Start-up Research Grant (General) (EC Earth & Atmospheric Sciences) is been issued with the approval of the compelent authority on Is December 1246-1335/2041-2042 dated as December, 2041 Burnt of Rs. 1005000/- (Rupees Ten Laich Five Russaud only) will be drawn by 1258 and will be disbursed by means of RTOS transaction as per their Bank di 1260 University Gos University State Bank of India State bank of india University Branch Gos University Complex/Talengo Plateau 403205 SBIN0004311 requires Quantique set in each of security Branch Gos University Inju seq@quantl com Inju seq@quantl com (Dr. P.	
	Start-up Research Grant (General) (EC Earth & Almospheric Sciences) Is been issued with the approval of the competent authority on 1s Desember EVENDS 55, 2021-2022 dated at Becamber, 2021 First of Rs. 1005000/- (Rupees Ten Laith Five Thousand only) will be drawn by ERB and will be disbursed by means of RIOS transaction as per their Bank in UNIGOA UNIGOA Starte Benk of India State Bank of melastic state and second only state and and a complex Talastic Bank of melastic state Bank of melastic sta	
	Start-up Research Grant (General) (EC Earth & Atmospheric Sciences) is been issued with the approval of the compelent authority on Is December 1246-1335/2041-2042 dated as December, 2041 Burnt of Rs. 1005000/- (Rupees Ten Laich Five Russaud only) will be drawn by 1258 and will be disbursed by means of RTOS transaction as per their Bank di 1260 University Gos University State Bank of India State bank of india University Branch Gos University Complex/Talengo Plateau 403205 SBIN0004311 requires Quantique set in each of security Branch Gos University Inju seq@quantl com Inju seq@quantl com (Dr. P.	
	Start-up Research Grant (General) (EC Earth & Almospheric Sciences) s been issued with the approval of the compelent authority on It December 1057-205-205-2052 dated as December 2051 unit of Rs. 1005000/- (Rupees Ten Laich Five Thousand only) will be drawn be ERB and will be disbursed by meens of RIOS manaction as per their Bank in UNIGOA.	