

Ref No. BT/NBM0118/03/18

Dated: July 19, 2019

Grant-In-Aid Letter Agreement

Sub: Funding of Project entitled “Establishment of MedTech Design and Rapid Prototyping Facility” for funding under National Biopharma Mission.

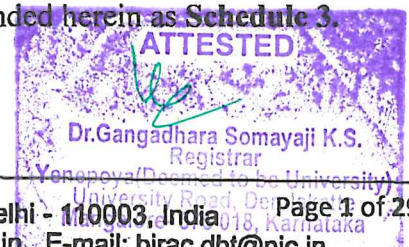
The Department of Biotechnology has received financing from the Government of India and the World Bank for effecting the National Biopharma Mission entitled- “Industry-Academia Collaborative Mission For Accelerating Discovery Research To Early Development For Biopharmaceuticals - “Innovate in India (i3) Empowering biotech entrepreneurs & accelerating inclusive innovation” (the “NBM”), and Biotechnology Industry Research Assistance Council, a Government of India enterprise, incorporated under the Companies Act, 2013 having its office at 1st Floor, MTNL Building, 9, CGO Complex, Lodhi Road, New Delhi- 110003 (the “BIRAC”) is the Project/program Implementation Agency (PIA) for NBM.

This Grant-in-aid Letter Agreement (hereinafter called as “GLA”) is between BIRAC as PIA of the NBM and the entity mentioned below for research proposal entitled “Establishment of MedTech Design and Rapid Prototyping Facility”

1. Recipient and Designated Project Investigator:

Recipient	Designated Project Investigator
<p>Yenepoya is a deemed to be university having its registered office at University Road, Deralakatte, Mangaluru, Karnataka 575018 hereinafter referred to as the “Fund Recipient” (which expression shall wherever the context so admits include its successors in interest, liquidators, administrators and permitted assignees).</p>	<p>Dr. Akhter Husain Professor and Head, Department of Orthodontics and Dentofacial Orthopaedics Email id:quality@yenepoya.edu.in Mobile No.9845084266</p>

2. Aims & Objectives: The detailed aims and the objectives that are to be executed by the aforesaid are as per the detailed Project document, submitted including revisions / modifications incorporated therein (hereinafter called as “Project”) and appended herein as **Schedule 3**.



The main objectives proposed to be achieved from the project are enumerated hereunder:

Objectives	Activities
Objective 1: Establishment of Rapid Prototyping and Electronics fabrication facility	Hiring and training of the manpower for providing necessary services and technical support to med-tech innovators.
	Designing of lab space and refurbishment.
	Procurement and installation of the equipment.
	Fully functional Rapid Prototyping & electronics facility set-up.
Objective 2: Establishment of Bioprinting facility	Hiring & training of the manpower.
	Designing of the lab space in accordance with biosafety standard.
	Procurement and installation of the equipment.
	Fully functional Bioprinting facility setup.
Objective 3: Community outreach and engagement	Hiring of community engagement manager.
	Conduction of outreach activities and sensitization about the facilities.
	Engagement with the target users.
	Prototyping for 20 student projects, 10 startup projects and 5 industry projects.

- Project Duration:** The Fund Recipients shall complete the Project within the stipulated period of **36 months** from the date of acceptance of the GLA by all the recipients. In the event the Parties affix their signatures to this GLA on separate dates, the GLA shall be effective from the date on which the last set of signatures is affixed thereto (“Effective Date”). Project Duration is subject to the Change order(s) issued by the BIRAC from time to time under this provision.
- Project Implementation Site:** Yenepoya, University Road, Deralakatte, Mangaluru, Karnataka 575018.
- Project Cost and Contribution:** The total estimated cost of the Project is **Rs.457.85 Lakhs (Rupees Four Hundred Fifty Seven Lakhs and Eighty Five Thousand only)**. The contribution of BIRAC is **Rs. 307.85 Lakhs (Rupees Three Hundred Seven Lakhs and Eighty Five Thousand only)** as Grant-in-aid towards the Project. The amount put in by the Fund Recipient is **Rs.150.00 Lakhs (One Hundred and Fifty Lakhs only)** towards the Project on the terms and conditions detailed in this GLA.

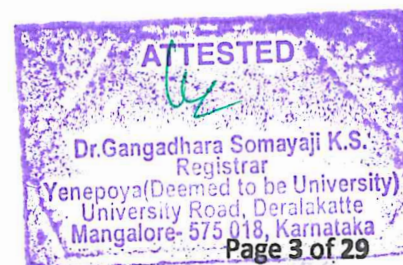


6. BIRAC Budget:

Name of the Applicant	Budget Head	BIRAC support under NBM as Grant-in-aid to Fund Recipient (Amount in Rs. Lakhs)	Contribution by the Fund Recipient (Amount in Rs. Lakhs)	Total Project cost (Amount in Rs. Lakhs)
Yenepoya	Non-Recurring	228.25	125.00	353.25
	Recurring	79.60	25.00	104.60
Total		Rs. 307.85	150.00	Rs. 457.85

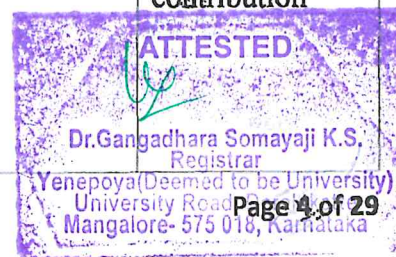
7. BIRAC Budget break-up:

S. No.	Details	BIRAC support under NBM as Grant-in-aid to Fund Recipient (Amount in Rs. Lakhs)	Contribution by the Fund Recipient (Amount in Rs. Lakhs)	Total Project cost (Amount in Rs. Lakhs)
(A) Non-Recurring				
	Equipment & Accessories	228.25	125.00	353.25
	Total (A)	228.25	125.00	353.25
(B) Recurring				
	a. Manpower	48.60	18.00	66.60
	b. Consumables	19.00	0.00	19.00
	c. Travel	6.00	0.00	6.00
	d. Contingency	6.00	7.00	13.00
	e. Outsourcing	0.00	0.00	0.00
	Total (B)	79.60	25.00	104.60
	Total (A+B)	307.85	150.00	457.85

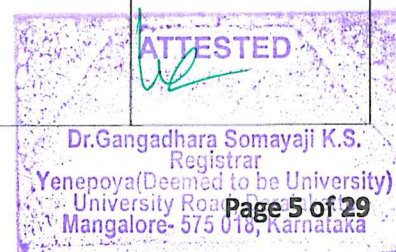


8. Schedule of Milestones/Timelines along with fund release:

S. No.	Milestones	Month of start of activity	Month of end of activity	BIRAC support under NBM as Grant-in-aid to Fund Recipient (Amount in Rs. Lakhs)	Contribution by the Fund Recipient (Amount in Rs. Lakhs)	Required financial input
1.	<ul style="list-style-type: none"> Acceptance of Undertaking under GLA And Fulfilment of fund release requirements 	0	1	153.925	75.00	50% of BIRAC contribution under NBM to Fund Recipient and 50% of Fund Recipient contribution
2.	<p>Status report on Fully functional Rapid Prototyping & electronics facility set-up And</p> <ul style="list-style-type: none"> Submission of UC/SoE for the corresponding milestone certified by internal finance. 	1	12	92.355	45.00	30% of BIRAC contribution under NBM to Fund Recipient and 30% of Fund Recipient contribution
3.	<ul style="list-style-type: none"> Status report on Fully functional Bioprinting facility setup And Submission of UC/SoE for the 	12	24	30.785	15.00	10% of BIRAC contribution under NBM to Fund Recipient and 10% of Fund Recipient contribution



	corresponding milestone certified by internal finance.					
4.	<p>Status report on Prototyping for 20 student projects, 10 startup projects and 5 industry projects</p> <p>And</p> <ul style="list-style-type: none"> Submission of UC/SoE for the corresponding milestone certified by internal finance. 	24	34	15.3925	7.5	5% of BIRAC contribution under NBM to Fund Recipient and 5% of Fund Recipient contribution
5.	<p>Submission of final report and consolidated Utilization Certificate (UC) and Statement of Expenses (SoE) certified by internal finance.</p>	34	36	15.3925	7.5	5% of BIRAC contribution under NBM to Fund Recipient and 5% of Fund Recipient contribution



Note:- Utilization Certificate (UC) and Statements of Expenses (SoE) duly audited by a chartered accountant for the expenditure incurred towards the Project for every half year period, ending 30th September and 31st March, to BIRAC, within a month of closure of the accounts for the respective half year should be submitted till completion of Project Duration.

The Fund Recipients shall submit audited Annual reports along with the audited balance sheets to BIRAC within seven months of the completion of the financial year ending 31st March till completion of the Project duration.

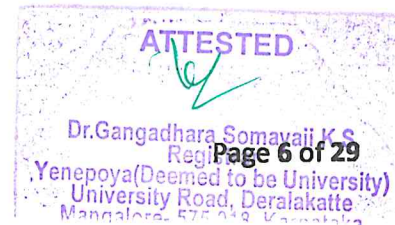
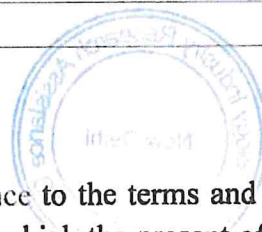
9. List of equipment proposed to be acquired through BIRAC contribution for Fund Recipient:

S.No.	Name of equipment
1.	3D CAD - CAM software with Workstation
2.	3D Bioprinter
3.	Microfluidic Printer
4.	SLA 3D Printer
5.	FDM Printer
6.	3D Scanner
7.	PCB Miller and Assembly Unit
8.	CNC Miller
9.	Metal Sheet Cutter
10.	Laser Cutter
11.	Mechanical Tools
12.	Function Generator
13.	Mixed Domain Oscilloscope
14.	DC Programmable Power Supplies
15.	Biomedical Acquisition Device
16.	Electronics Development Boards
17.	SLS Printer
18.	3D Metal Printer
19.	Vacuum Forming Machine

10. List of equipment proposed to be acquired through Fund Recipient contribution:

S.No.	Name of Infrastructure/Equipment
1.	Infrastructure and refurbishment

11. The recipients of the fund should convey their acceptance to the terms and conditions of this GLA within four (4) weeks of the issue of GLA failing which the present offer of the funding support will be considered as infructuous and the project will be treated as withdrawn unless a specific waiver is obtained for the delay.



12. Inclusion by Reference:


This GLA includes and incorporates by this reference:	<ul style="list-style-type: none">- Terms and Conditions (Schedule 1)- Acceptance and Undertaking (Schedule 2)- Project document including Project Risk Management Plan (Schedule 3)- Facility Governance Framework (Schedule 4)
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13. The Expenditure is debitable to G.01.01 - Head of Accounts for the financial year 2019-20.
14. This issue with the approval of competent authority vide BFD No. BFD/A0/G.01.01/09/2019-20 dated 18th July 2019
15. The GLA has been noted at Serial No. 89..... in the Register of Grant/Cost.
16. This GLA is between Biotechnology Industry Research Assistance Council ("BIRAC") and **Yenepoya** is effective as of the date of last signature. Each party to this GLA may be referred to individually as a "Party", **Yenepoya** as "Fund Recipient", and all party together as the "Parties". As a condition of this grant, the Parties enter into this GLA by having their authorized representatives sign below:

For and on behalf of BIRAC
Signature: 
Name: Dr. Kavita Singh
Designation: Mission Director, National Biopharma Mission
Official Seal

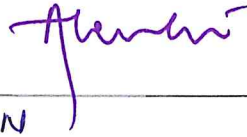


ATTESTED


Dr. Gangadhara Somayaji K.S.
Registrar
Yenepoya (Deemed to be University)
University Road, Deralakatte
Mangalore- 575 018, Karnataka

For and on behalf of Yenepoya, the "Fund Recipient" duly authorized vide Authority Letter No.....datedby its concerned authority.

Signature




Name: DR. AKHTER HUSAIN

Designation: DEAN / PRINCIPAL
PROFESSOR, DEPT. OF ORTHODONTICS

Official Seal



ATTESTED


Dr. Gangadhara Somayaji K.S.
Registrar
Yenepoya (Deemed to be University)
University Road, Dakatte
Mangalore- 575 018, Karnataka