

भारत सरकार  
अंतरिक्ष विभाग  
अंतरिक्ष उपयोग केन्द्र  
आंबावाडी विस्तार डाक धर,  
अहमदाबाद-380 015. (भारत)  
दूरभाष : +91-79-26912000, 26915000  
फैक्स :



Government of India  
Department of Space  
SPACE APPLICATIONS CENTRE  
Ambawadi Vistar P.O.  
Ahmedabad - 380 015. (INDIA)  
Telephone : +91-79-26912000, 26915000  
Fax

No. SAC/EP SA/BPSG/AED/IGBP-Pheno/SL-03/2021

Date: Feb. 25, 2021

From: C. P. Singh  
Scientist/Engineer-SF  
AED/BPSG/EP SA,  
Space Applications Centre, ISRO,  
Ahmedabad -380015

To: Dr. C. Jeganathan  
Professor & Dean (RI&E),  
Department of Remote Sensing,  
Birla Institute of Technology (BIT),  
Mesra, Ranchi – 835215

**Subject: Sanction of Collaborative Project under ISRO Geosphere Biosphere Programme (IGBP)**

This is to confirm that a collaborative project with BIT, Mesra has been sanctioned under the IGBP project- "Modelling Forest Phenological Parameters from Time Series Remote Sensing Data". The duly signed work plan for the collaborative project is attached. The total budget for the project is Rupees Thirty Lakh Twenty-Three Thousand only. The breakup fund for various activities of the project is as given below:

Sr. No.	Budget Head	BE 2021-22	BE 2022-23	BE 2023-24	Total Cost (INR Lakh)
1	<b>Professional Services</b> (Fellowship of JRF / SRF / Project Scientist / Project Fellow / Project Assistant / Field Assistant)	3.48	3.90	3.90	11.28
2	Office Expenses / Contingency	0.50	0.50	0.50	1.50
3	Travel (field survey, meetings, training, logistic)	1.00	0.75	0.75	2.50
4	Equipments \ Material (1 Phenocam + AWS)	9.00	0.00	0.00	9.00
5	Materials & Supplies (installation cost)	1.00	0.50	0.50	2.00
7	Overhead/ Institutional charges (15%)	2.25	0.85	0.85	3.95
	<b>Total</b>	<b>17.23</b>	<b>6.50</b>	<b>6.50</b>	<b>30.23</b>

Budget of Rupees Seventeen Lakh only has been released to start the activities. Budget utilisation certificate (UC), quarterly progress, manpower information sheet and Phenocam installation report needs to be submitted by you in due course of time.

(C. P. Singh)

Encl: Work plan document, UC format, manpower info format & T&C Doc  
cc. Shri J G Patel, Budget Coordinator, EP SA  
Head, AED  
GD, BPSG