



भा.कृ.अनु.प. – भारतीय बागवानी अनुसंधान संस्थान
ICAR - INDIAN INSTITUTE OF HORTICULTURAL RESEARCH



हेसरघट्टा लेक पोस्ट, बैंगलूरु – 560 089

Hesaraghatta Lake Post, Bengaluru-560 089

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Dr. A. KRISHNAMOORTHY
Project Coordinator
ICAR – CRP on Borers (Network Mode)
Division of Entomology & Nematology

Dt:12/11/2014

To
The Director,
Central Institute for Arid Horticulture,
10th Milestone, Sir Ganganagar Highway,
Beechwal Industrial,
Bikaner- 334 006 Rajasthan

Sir,

Sub: Approved budget for XII plan for CRP on Borer project – Reg.
Ref: Council's Letter No: F.No. 33-2/2013-IA Dt. 29/10/2014

With reference to the above, please find herewith attached the details of budget approved for your centre under the 'Consortium Research Platform on Borers in Network Mode' for the period 2014-15 to 2016-17. The Centre PIs are requested to initiate the process to recruit the contractual staff, procure the equipment and undertake works (wherever approved) by strictly adhering to the ICAR rules. However purchase orders and appointment letters may be issued only after receiving the funds, which are expected within a month.

Besides approved number of SRFs, 1-2 research fellows/skilled labor field assistants can be recruited depending on the nature of work within the allotted budget under the head "Research and Operational Expenses".

Thanking You,

Yours sincerely,

(A. KRISHNAMOORTHY)

Copy to: Dr.S. M. Haldhar, Centre PI , CIAH, Bikaner

ICAR-Consortium Research Project on Borers in Network Mode
ICAR- INDIAN INSTITUTE OF HORTICULTURAL RESEARCH
Hesseraghatta Lake P.O., BENGALURU-560089

Name of the Centre: CIAH, Bikaner
Centre PI: Dr.S. M. Haldhar

Sanctioned Budget (in Rs Lakhs)

Total: 47 Lakhs
Details

HEAD	2014-15	2015-16	2016-17	Total
A. Capital (Non-Recurring)				
1. Equipment	14.0	0.0	0.0	14.0
2. Woks	5.0	0.0	0.0	5.0
3.Furniture	1.0	0.0	0.0	1.0
B. Revenue (Recurring)				
1. Research & Operational expenses (including salaries for contractual staff, contingencies etc.)	3.0	11.0	11.0	25.0
2. TA (domestic only)	0.3	1.0	0.7	2.0
TOTAL	23.3	12.0	11.7	47.0



Project Coordinator
CRP on Borer



CENTRAL AGRICULTURAL UNIVERSITY
DIRECTORATE OF RESEARCH
IMPHAL-795004 MANIPUR (INDIA)

Email: dorcau@gmail.com vidorcau@yahoo.co.in

No.CAU-DR/2-48/HBP/2016/

Imphal, the 25th June, 2020

To

The Project Coordinator,
All India Coordinated Research Project,
Honeybees and Pollinators,
New Delhi
Mail: kumaranaug2@gmail.com
PCUhbP2018 @gmail.com

Sub: - Intimation for the change of P.I. of AICRP- HB&P, CAU, Imphal- reg.

Sir,

As per subject cited above, I am directed to inform you the Competent Authority has approved the request submitted by Dr. Kh. Ibohal Singh, PI, AICRP on Honeybees & Pollinators to give the responsibilities of the project to Dr. Shrawan M Haldhar, Associate Professor, (Entomology) as Principle Investigator of AICRP on Honey bees and Pollinators w.e.f. 14th May, 2020.

Yours faithfully,



(A.K. Mishra)
Dy. Director of Research
Imphal, the 25th June, 2020

No.CAU-DR/2-48/HBP/2016/ **3563**

Copy to:

1. PS to DR for kind information of the DoR, CAU, Imphal.
2. Dean, COA, Imphal for information.
3. Dr. Shrawan M Haldhar, Associate Professor, (Entomology) for information.
4. Dr. Kh. Ibohal Singh, PI, AICRP on Honeybees & Pollinators, CAU, Imphal for information.
5. Guard file.



(A.K. Mishra)
Dy. Director of Research



CENTRAL AGRICULTURAL UNIVERSITY
DIRECTORATE OF RESEARCH
IMPHAL-795004 MANIPUR (INDIA)

Email: drcau@yahoo.co.in or drcau@gmail.com

No.CAU-DR/2-48/HBP/2016/ 3322

Imphal, the 14th May, 2020

To

Dr. Kh. Ibahul Singh,
P.L. AICRP on Honeybees and Pollinators,
CAU, Imphal.

Sub: - Request for add the name of Dr. Shravan M Haldhar in entomology projects- reg.

Sir,

With reference to your letter No.nil dated 22nd April, 2020 on the above mentioned subject, I am directed to convey the approval of the Competent Authority of the University for nomination of Dr. Shravan M Haldhar, Associate Professor, Entomology as Co-PI, (i) Network Project on Conservation of Lac Insect Genetic Resources, (ii) Integrated Bee Development Centre and P.L. of ACRIP on Honey bees and Pollinators.

Yours faithfully,

(A.K. Mishra)

Dy. Director of Research
Imphal, the 14th May, 2020

No.CAU-DR/2-48/HBP/2016/

Copy to:

1. PS to DR for kind information of the DoR, CAU, Imphal.
2. Dean, COA, Imphal for information.
3. Guard file - AICRP-HB&P.

(A.K. Mishra)

Dy. Director of Research

Administrative Approval

No. DIC/PROJECTS/CAU/DNER/2019-20

Date: 28th August, 2020

Subject: Administrative Approval for execution of the project sub-components on Implementation of Mobile Based Agro Advisory Services (M4agri) and Integration & Application of Unmanned Aerial Vehicle (UAV) for Crop Health Monitoring with Integrated Information Dissemination System (IIDS) under the project **"Customization, Enhancement & Deployment of Digital Solutions for Empowerment of Citizens of North-East India"** by Digital India Corporation in collaboration with Central Agricultural University (CAU) Imphal.

Dear Sir,

I am directed to convey the Administrative Approval of the Competent Authority for the execution of the sub-components on Mobile Based Agro Advisory Services (M4agri) and Integration & Application of Unmanned Aerial Vehicle (UAV) for Crop Health Monitoring with Integrated Information Dissemination System (IIDS) under Digital India Corporation project entitled **"Customization, Enhancement & Deployment of Digital Solutions for Empowerment of Citizens of North-East India"**.

2. Digital India Corporation shall release the funds for executing the Project by way of Grants amounting to **Rs 489.46/- Lakhs (Rupees Four Hundred Eighty Nine Lakhs Forty Six Thousand Only)** to Central Agricultural University for implementation of the sub-components of the project which includes the budget for the following colleges of CAU for implementation of project:

1. College of Agriculture (CoA), Imphal, Manipur – Rs 148.50 Lakhs
2. College of Post Graduate Studies (CPGS), Barapani, Meghalaya – Rs 43.96 Lakhs
3. College of Agricultural Engineering & Post Harvest Technology (CoAE&PHT), Ranipool, Gangtok, Sikkim – Rs 148.50 Lakhs
4. College of Horticulture and Forestry, Pasighat (CoH&F), Arunachal Pradesh – Rs 148.50 Lakhs

3. The details of the project partners, budget and releases etc for the period are given in the Annexure-I. The Terms & Conditions for the implementation of the said project is given at Annexure II. The Roles & Responsibilities of organization's are given at Annexure – III and the project activities, deliverables, target, outcome parameters and timelines etc enclosed at Annexure - IV A, B, C & D.

4. The releases shall be made in phases based on progress of the execution of the project and as per the conditions laid down in the Admin Approval and as per the guidelines / directions received time to time from the Ministry of Electronics and Information Technology (MeitY).

5. The Central Agricultural University, is requested to send the confirmation of acceptance of terms and conditions attached with the Administrative approval in respect of the project.

(R.A. Dhawan)
 Sr. General Manager
 (Admin./HR)



To,
Dr. M. Premjit Singh,
 Vice Chancellor
 Central Agricultural University
 Lamphelpat, Imphal West,
 Imphal, Manipur - 795004

			College of Agricultural Engineering & Post Harvest Technology, Ranipool, Sikkim	3 Years: Year 2 to Year 4	Rs 148.50 Lakhs
	2	Integration and Application of UAV for Crop Health Assessment and Monitoring with IIDS in Providing Evidence Based Agro-Advisory Services to Farmers of North-East India in Meghalaya	College of Post Graduate Studies, Barapani, Meghalaya (other partners - North Eastern Space Applications Centre (NESAC) & DIC)	2 years : Year 1 to Year 2	Rs 43.96 Lakhs
10	Roles & Responsibilities		:	Annexure III	
11.	Specific Objectives, Roles & Responsibilities, Quarterly Targets, Impact Indicators & Area of coverage etc.		:	Implementation as per – Annexure IV (A), (B), (C) & (D)	
12.	Chief Investigator & Joint Principal Investigators (DIC)		:	Dr. T.S. Anurag, Principal Research Scientist, DIC Mr Satyavir Singh, Principal Research Scientist, DIC Mr Gaurav Takkar, Principal Research Scientist, DIC	
13.	Co-Principal Investigator (DIC)		:	Mr. Anshul Porwal, Pr. Software Developer Dr. Hrishikesh Kumar Singh, Sr. Research Scientist Ms. Moumita Poddar, Web Designer	
14	Nodal Officer (CAU)		:	Prof. R. K. Saha, Director of Extension Education, CAU Manipur	
15.	Principal Investigators, Co-Principal Investigators & Other Investigators from College of Agriculture (CoA), Imphal, Manipur				
15.1	Principal Investigator (CoA)		:	Dr. Abhinash Moirangthem, Assistant Professor, Department of Horticulture, College of Agriculture, CAU, Imphal	
15.2	Co-Principal Investigators (CoA)		:	• Dr. M. Deepa Devi, Assistant Professor, Dept. of Extension Education • Dr. J. Lungdim, Assistant Professor, Department of Agronomy • Dr. P. T. Sharma, Assistant Professor, Dept. of Agril. Engineering • Dr. N. Subala Devi, Assistant Professor, Dept. of Soil Science & Agril Chemistry • Dr. M. Norjit Singh, Assistant Professor (Animal Science) • Dr. Dipak Nath, Dy. Director (Extn. Educ.) Directorate of Extn Educ., CAU (I) • Dr. Bireshwar Sinha, Assistant Professor (SS), Department of Plant Pathology • Dr. S. M. Haldhar, Associate Professor, Department of Entomology • Md. Abdul Salam, SMS (Fisheries), KVK-Imphal East (CAU, Imphal)	