

Programme XII : Insect identification service, Cataloguing, digitization, Developing databases, Flexi budget/adhoc research grants, Post doctorate fellowships, DNA Barcoding work, HRD (Summer training for school college students), Lac Insects (IINRG)/ Silkworms (CMERTI/ Other Silk Board)/ AICRPs interface interactions
Location : IARI New Delhi (Dr V V Ramamurthy/ Dr K Sreedevi/Dr NM Meshram/Dr PR Shashank)

S.No.	Budget item	YEAR					Total
		2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	
A.	RECURRING						
	Contractual services (10RAs)+(2SRF)	48.0	48.0	48.0	48.0	48.0	240.0
	Consumables*	8.0	8.0	8.0	8.0	8.0	40.0
	TA**	8.0	8.0	8.0	8.0	8.0	40.0
	Sub Total of A	64.0	64.0	64.0	64.0	64.0	320.0
B	NONRECURRING						
	Equipment			32.0			32.0
	Works/Renovation			40.0			40.0
	Sub Total of B			72.0			72.0
	Total (A+B)	64.0	64.0	136.0	64.0	64.0	392.0

Operational flexibility for need-based utilization of funds under RC and NRC allowed for all centres, with a proviso that overall expenditure be limited to the overall allocation for RC and NRC.

*includes hiring of unskilled and skilled labour for processing of insects, storage, upkeep, data entry and field work on daily wage/job work/ outsourcing on manday/month basis 5 skilled 5 unskilled labour; also for hiring of Nodal officer (Dr.V.V.Ramamurthy) @Rs 50000 per month for each expert oriented work/ hiring of experts on man month basis @ maximum of 20 man months / year at ICAR emeritus scientist rates and outsourcing/ contracting staff for laboratories/ field/ technical work on monthly/ periodic job work basis; include outsourcing/ consultancy for software development. Includes atleast 100 lakh of Flexi budget/adhoc research grants, 100 lakh of Post doctorate fellowships **includes hiring of vehicles with provision for carrying collection equipments on contract basis for field surveys / providing TA/DA for inviting experts for consultancy or workshops / training. DNA barcoding, Aphidoidea, Pollinators, Temperate horticulture entomology included herein as contractual research

Equipments, furniture and work/renovation

A	Equipments		
	Stereo zoom / research microscopes/accessories,	Qty.	Total cost
	Collection/camping equipments/accessories	4	10.00
	Minor equipments (Digital image analysis/ accessories/UPS/Power supply/lab furniture/data processors /hardware /software/printer/ documentation accessories).	2	10.00
	PCR with variable parameter capabilities (Real time)	1 set	5.00
		1	7.0
	Total		
B	Works/renovation****		32.0
	NEW Work Lab renovation involving Lab renovation for culture room ; Extension of National Pusa Collection air conditioning;		
	Water proofing-sunshades for NPC rooms, insect proof casements for windows, fire proofing, furniture, civil, electrical works;	1	15.0
	PHVAC system fire protection system Replacement, renovation providing of package split air conditioners other air conditioners	1	25.0
	Total (A+B)		40.0
			40.0
			72.0

****will include renovation of covered verandah, minor electrical and civil works (including flooring) in connection with efficient use of available space by placing them on mobile racks. It will also include minor electrical and civil works insect collection casements, temperature/humidity maintenance, for the protection of more than 100 years insect collection of NPC; ***part of this will get converted to recurring contingencies for customized software consultancy, if required; † For interaction with farmers and to develop field oriented pest diagnostics a suitable vehicle with essential fixtures of microscope, digital camera and video display is essential PHVAC system is required for NPC covers items of small equipments/ accessories/ furnishing items like UPS, batteries, power supply, stabilizers, dry blocks, refrigerators, pen drive, RAM, upgradation of computers, computer seats, tables of which the cost is less than Rs. 15000. **Includes hiring of vehicles with provision for carrying collection equipments on contract basis for field surveys.***To augment existing scientific storage of insect collections; will involve mobile rack system, extension of space/ renovation of minor electrical and civil work like false roofing and flooring/air conditioning.