	NAME	OF ACE: AFRICAN CEN	TRE OF EXCELLE	NCE FOR INNOVA	TIVE RODENT PEST	MANAGEM	ENT AND	BIO-SENS	OR TECHNOLOG	Y DEVELOPMENT	ACE IR	RPM8	ιBTD)		
Activity No.									ESTIMATED	RESPONSIBLE	Jan Feb	anuary	YEAR 2		OCT Nov Dec
Act	COMPONENT	SUB-COMPONENT	ACTIVITIES	OBJECTIVE	JUSTIFICATION	OUTPUT	DLI#	DLR#		RESPONSIBLE UNIT					
1	Accreditation of curricula	MSc. in Applied Pest Management (Public Health)		applied pest management in public health	Lack of experts in the field of pest management in public health	Trained young scientists working in communities /public institutions	2	2.3	29,092.86	ACE Center Leader, ACE Deputy C/Leader					
			2. International accreditation	To strengthen Postgraduate student Management Information system(PSMIS)						DVC (Academic), TCU, Directorate of Postgraduate Studies					
2	Admission of MSc Students	1. Advertisements of MSc positions in Applied Pest Management (Public Health)	Registration of at least 25 MSc. students	To enrol 5 Regional and 20 national MSc. students in 2020	1. No curricula on pest management is being offered in Tanzania and regional partner institutions	Trained young early career graduates in Applied Pest Managemen t in agriculture and Public health	2	2.2.3	163,878.60	ACE Leader, ACE Deputy Leader					
			(i) MSc Students embark on coursework							University Senate					

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	(ii) MSc Students embark on research							TCU					
PhD Studentships/Schola rships	ongoing PhD students embark	quality research undertaking by	To reach the target of 32 PhD students to be trained by ACE IRPM & BTD	ecology, zoonoses, ecology of ectoparatsit es	2	2.2.3	618,871.18	ACE Leader					
	research funds	(ii) To create an abling environment for students to implement their planned research activities		(ii) SIX published articles				ACE Deputy Leader					
	(iii) Payment of fees and stipends							Programme Coordinator					
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Teaching and Research Materials/Lab and field equipment	of computers	availability of essental teaching	undertaking	Well equipped laboratories and availability of research equipment	1	1.2.5	47,193.95	ACE Centre Leader					

			 Procurement of traps Procurement 							ACE Deputy Center Leader					
			of animal cages										l		
			4. Procurement of reagents												
			5. Procurement of miscellaneous field and lab essentials												
5	Field schools for knowledge	Ecological Studies	1. Training in ecological techniques for smalll mammals	techniques that are are highly	studentsto be equipped with wider of animal trapping, handling and processing	Students and young scientists knowledgea ble on field techniques for data collection	2	2.2		ACE Leader					
			 Habitat surveys Animal collection, processing and data recording 							Principal Investigator					
			4. Tissue collection and specimen preservation 5. Taxonomical techniques												
6	Research activities on ecologicallly- based rodent pest management	Laboratory and field trials with fertility control hormones	1. Initiate lab tests on Rattus Rattus and Arvicanthis	To assess the efficacy of fertility to reduce rodent populations in farmer's fields		1. MSc dissertation	2	2.5	10,782.49	MSc. Student					

			2. Conducting field trials in two localities			2. One published article				Supervisor				
			3. Publication of the lab results in a peer revied journal							Principal Investigator				
7	Research activities on bacterial, helminthic, filarial and viral zoonoses	PHD Study	1. Research activities on Leptospirosis in Uganda	potential infections to humans by	Lack of knowledge on the importance of rodent-borne zonnotic agents on humans in East Africa	PhD candidate's progress reports	2	2.5.3	8,904.00	PhD candidates				
			2. Research activities on prevalence of filarial worms and heamoflagellates							Supervisors				
8	Research activities on community ecologyof rodents in Tanzania, Uganda and Ethiopia	PhD research activities	1. Collection of data	1. To conduct detailed ecological studies in different ecosystems in Eastern Africa	To increase our understanding of species diversity, interactions of co- existing species and population dynamics of rodents	(i) PhD candidate's progress reports	2	2.5.4	22,438.21	PhD candidates				
			2. Visits by supervisors			(ii) SIX Published articles				Supervisors		T		
			3. Reporting research results in seminars 4. Vegetation mapping in all study sites											
9	Research activities on rodent ecto and endoparasites in Tanzania, Uganda and Ethiopia	PhD Research activities	1. Animal trapping and identification	To conduct detailed studies of rodents and their endo and ectoparasites in Tanzania, Uganda and Ethiopia	The lack of knowledge on parasites -host relationships	Phd candidates progress reports	2	2.5.5	22,429.83	PhD candidates				
			2. Data collection on ecto and endo parasites							Supervisors				

			3. Vegetation mapping												
	Faculty and student exchanges to promote regional research and teaching excellence	1. student exchanges with University of Mekelle, Ethiopia	1. Purchase of tickets	To increase student and faculty mobility for knowledge flow, teaching, and research	Promote collaboration between regional partners and other regional insitutions	6 Faculty exchanges	2	2.6	32,260.00	ACE Centre Leader				I	
		2. Staff exchange with University of Mekelle,	2. identify research areas	excellence		8 Student exchanges				ACE Deputy Centre		ľ		ľ	
		Ethiopia 3. Student and staff exchanges with Busitema University, Uganda	3. Teaching specific modules							Leader					
		Uganua	4. Training of the PhD candidates in speciality needs							ACE Faculties					
			5. Payment of travel allowances												
11	Provide outreach/marketing information on ACE IRPM &BTD	Publicity of ACE IRPM &BTD	1. Print posters and leaflets	(i) To provide information to the public about activities of the ACE IRPM & BTD	To keep the public informed of activities of the ACE IRPM &BTD	Marketting new developed technologies for pest managemen t	2	2.6	24,447.12	ACE leader	I	I		I	
				(ii) To inform potential candidates about training opportunities						ACE Deputy /M& E Officers					
Short cou	Short course	Training in pest management	Conduct short course on rodent pest management	To impart new knowledge on rodent pest management	To reduce losses and risk of disease transmissions	Knowledge based rodent pest managemen t	2	2.6	13,776.68	ACE Faculties					
										ACE Center Leader					
										Leader					

13	Collaboration with international academic partners	 Regular meetings and discussions 2. Annual Coordinations 	of rodent pest management technologies	To increase interaction, cooperation and collaboration with faculty and students and to share best practices for teaching and research	Flow of knowledge and best practices in research and teaching	1. New funded research projects 2. joint	2	2.4	20,040.00	ACE Leader External Advisory						
		meetings	research proposals			publications				Group						
			3. Advise to PhD students											╧	Ц	Ц
14	Training for PhD Students	Ecological Modelling and Statistics	Two weeks training of PhD students on statistics and ecological modelling	To impart knowledge on best analytical tools for ecological data	Essential training for all PhD students on research to help them with their data analysis	knowledge on data	2	2.4	21,480.00	Centre Leader/Deputy Centre Leader, External statistics and Ecological modelling expert						
15	International Conference (Communication facility)	Fertility Control of rodents	To present reulsts on fertility control in the International Conference on Zoological Sciences, South Africa	To discuss progress in fertility control in rodents in Africa and way forward	ACE IRPM has pioneered in research on fertility control as a new rodent management technology in Africa	Introduced fertlity control technology	2		8,730.00	ACE Leader,Lead researchers, Students						
16	Sustainable financing	Research Proposal Development	Research Proposal writing and submission for funding	(I) To mobilize resources for competitive proposal writing	(i) Sustainable funding required to supplement the World Bank funding	One New research project funded	2	2.7	5,349.10	ACE Leader	I	ľ	I		ľ	
				(ii) To ensure sustainable funding	(ii) To achieve DLR 2.7					Deputy ACE Leader						
17	ACE IRPM &BTD Annual Review and Coordination Meeting	Review of Implementation status	Review the 2019 implementation status, and 2020 Annual Work Plan implementation	(i) To review progress and challenges	DLIs and DLRS must be achieved on time for external verification	Strategeic Plan for achieving DLIs and DLRs	1	1.2.4	13,066.81	ACE leader, ACE Deputy Leader						

			Review achievements, DLI & DLR performance status	(ii) Discuss implementation of the 2020 Annual Workplan (iii) Evaluate achievement of DLI & DLRs						Financial Officer, Audit Officer Regional Partners				
				(iv) To plan the way forward in view of the realized challenges						International Partrners				
18	Equipping animal house for research activities	1. Furniture	Making the animal house fully opetrational	To provide a conducive environment for implementation of ACE IRPM &BTD activities	An animal house is requisite for teaching, research and student practicals	A fully functional animal house	2 2	2.2.3	38,179.04	ACE Centre Leader				
		2. Laboratory facilities								PMU SUA				
		3. Climatic chambers												
19	Construction of ACE IRPM&BTD core facility	1. Engaging a contractor	1. Surveying the construction site	To construct ACE IRPM &BTD core research and teaching laboratories	The ACE IRPM &BTD requires more office and laboratory space for faculty and students		2 2	2.2.3		ACE Leader				
		2. Procurements	2. Obtain architectural drawings			2. BOQs			749,617.90	Office of the CPO				
			3. Obtain the Bill of Quantities (BOQs)			3. Signed contract with				PMU				
		3. Supervison of works	4. Tendering the construction works			a Building Contractor	4	4.2						
		4. Site meetings	5. Construction works											
20	National Steering Committee Meetings	Technical Assistance and Advisory Service	Facilitation for attendance in the National Steering Committee	To participate in National Steering and Regional Technical Advisory Committee Meetings	Requisite condition for each ACE	Committee Meeting Reports	2	2.8	12,556.51	ACE Leader				

		Meetings and the Regional Technical Advisory Committee Meetings							ACE Deputy Leader					
Monitoring and evaluation	Quality Assurance	the DLI and documentation of the achievements reached on quarterly basis	To ensure good management of project activities in particular adherence to time scales as stated in the implementation plan	A requirement for good performance	Monitoring and evaluation Reports	2	2.8	8,951.97	ACE leader					
Governance and Management	Project Management	1. Payment of ACE IRPM Centre and Deputy Centre Leaders responsibilty allowances	Governance and Mangement of ACE IRPM	Ensure excellent project management to deliver DLIs and DLRs	Programme objectives are achieved	3	3.1-3.4	103,491.89	ACE Cemtre Leader	I				
		Audit Committees	1. To ensure timely implementation activities						Ace Deputy Leader					
		3. Payment of salaries and eligible	2. To Ensure timely auditing and submission of reports						Auditors					
		4. National Audit Committee facilitation	3. Timely payment of allowances and salaries						PMU					
		5. Procurement Management Unit	4. To ensure timely procurement of goods and services					1,986,612.93						