KCSAP COLLABORATIVE ADAPTIVE RESEARCH GRANTS

AWARDED PROPOSAL SUMMARY

SECTION 1: LEAD INSTITUTION PARTICULARS			
1.1	**LEAD INSTITUTION:**	Veterinary Sciences Research Institute, Muguga- Kenya Agricultural and Livestock Research Organization	
1.2	Principal Investigator:		
	***Name:* Dr. Joseph M. Nginyi**		
1.3	Mailing Address:	KALRO-Veterinary Research Institute-Muguga, P.O. Box 32-00902, Kikuyu	
1.4	E-Mail Address:	Joseph.nginyi@kalro.org/jnginyi@yahoo.com	
1.5	Collaborator:	Dr. Samuel Mbuku Dr. Mwamburi Mcharo Margaret Syomiti Eng. Nasirembe, W.Wanjala Mr. Samwel Kirigha Maganga Mr. John Kidali Halima Nenkari Martin Oyindo Cecil Peter Ndong'a	
SECTION 2: PROJECT PARTICULARS			
2.1	THE PROJECT TITLE:	**GA02-2/10: A Sustainable Beef Cattle Finishing System for Kenya: Utilization of Molasses-Urea Mineral Blocks as Strategic Feed Supplement**	
2.2	KCSAP Thematic Area:	Climate Smart Livestock & Aquaculture	
2.3	Value Chain:	Red meat	
2.4	Location (Area)	TaitaTaveta and Kajiado counties	
2.5	Duration in Years: - (Not more than 3 Years)		
	Date of Commencement:	Expected Date of Completion:	Total Duration in Months:
		31st December 2021	24 months
2.6	Total Cost of the Project (KES):	**20,632,816**	
2.7	Date of Submission:	13th September, 2019	
SECTION 3: PROJECT BODY NARRATIVE			
3.1	**Executive Summary**	In order to contribute to increased beef cattle productivity and increased household incomes for livestock keepers, molasses-urea mineral blocks (MUMB) will be validated and promoted as a strategic feed supplementation alongside locally available feed resources that have potential but are currently not utilized or sub-	

		optimally utilized in Kajiado and TaitaTaveta counties. In addition, other MUMB-based nutri-meals will be developed and equipment to support commercial production of the feed supplements fabricated, tested and promoted. The evaluation of the MUMB will be carried out both on-station at KALRO Buchuma and also on private farms, including ranches in the two counties. Findings from this project will be upscaled and promoted in other beef producing counties Kenya.