



**KCSAP COLLABORATIVE APPLIED RESEARCH GRANTS
AWARDED PROPOSALS**

SECTION 1: LEAD INSTITUTION AND PRINCIPAL INVESTIGATOR (PI) PARTICULARS			
1.1	LEAD INSTITUTION:	Kenya Marine and Fisheries Research Institute (KMFRI), Sangoro Aquaculture Centre)	
1.2	Principle Investigator:		
	Name: Paul Orina		
1.3	Mailing Address:	P. O Box 3259-40200 Kisii	
1.4	E-Mail Address:	paulorina@gmail.com	
1.5	Collaborators and their affiliate Institutions		
	Dr Jonathan Munguti - KMFRI Dr kevin Obiero - KMFRI i Cecilia M. Githukia - KMFRI		
SECTION 2: PROJECT PARTICULARS			
2.1	PROJECT No. & TITLE:	SS02/4/2 Fish Fingerling Multiplication and Distribution Among Smallholder Farmers in Selected Counties in Kenya	
2.2	KCSAP Livestock Value Chain (i.e. Dairy, Red Meat, Indigenous Chicken, Apiculture, Aquaculture including Animal Health and Pastures and Fodder:	Aquaculture	
2.3	Value Chain:	Aquaculture	
2.4	Location (Area)	Busia, Kakamega, and Siaya	
	Date of Commencement:		Expected Date of Completion:
			Total Duration in Months:
			24 months
2.6	Total Cost of the Project (KES):	KES 4,700,000	
3.1	Executive Summary	The rapid growth in the aquaculture sector in Kenya has necessitated increased production of quality broodstock and fish seed for distribution among smallholder farmers. However, demand for the improved seed is on the increase and cannot be met by the current production levels. This is due to lack of structured multiplication centres and distribution models to facilitate seed supply and commercialization and meet the demand for the improved breeds. In this project, KMFRI in partnership with other NARs will produce high quality fish	

		fingerlings for multiplication and distribution to farmers and hatcheries in 3 Counties in Kenya.
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