KCSAP COLLABORATIVE APPLIED RESEARCH GRANTS
AWARDED SUMMARY PROPOSALS

SECTION 1: LEAD INSTITUTION AND PRINCIPAL INVESTIGATOR (PI) PARTICULARS

1.1 LEAD INSTITUTION: Kenya Agricultural and Livestock Research Organization

1.2 Principle Investigator:
Name Dr. Evans D. Ilatsia (Dr.Sc.Agr.)

1.3 Mailing Address: P. O. Box 25 – 20117, Naivasha, Kenya

1.4 E-Mail Address: Evans.Ilatsia@kalro.org | evansilatsia@yahoo.com

1.5 Collaborators and their affiliate Institutions
Mr. Ochieng Ouko - KALRO DRI

SECTION 2: PROJECT PARTICULARS

2.1 PROJECT No. & TITLE: AR02/3/2: Development of Husbandry Support Innovations for Enhanced Production of Improved Indigenous Chicken

2.2 KCSAP Livestock Value Chain: Indigenous Chicken

2.3 Value Chain: Indigenous Poultry

2.4 Location (Area): Naivasha

2.5 Duration in Years: 1
Date of Commencement: 1st May 2020
Expected Date of Completion: 30th April 2021
Total Duration in Months: 12

2.6 Total Cost of the Project (KES): 3,502,290

3.1 Executive Summary
Indigenous chickens (IC) is a major source of income for the resource constraint communities. Low genetic potential, high disease prevalence and scarcity of breeding stock have limited their commercial exploitation to realize their production potential. The project will address these challenges through identification of survival enhancement parameters, chick sexing morphological markers and development of a novel artificial insemination protocol to be
used for further improvement of the developed climate-smart IC meat and egg breed lines. This will enhance productivity, resilience, generate income, create employment and guarantee food and nutrition security as envisioned in the Big Four Agenda.