

## SHORT-TERM CONSULTANCY SERVICES

### Terms of Reference

## LIVESTOCK POPULATION CENSUS

### Support to Resilience for Sustainable Livelihoods, Isiolo County (DRIC)

The E4Impact Foundation is part of the consortium implementing “Support to Resilience for Sustainable Livelihoods” project in Isiolo County that is funded by the European Union. The overall objective of the EU Project is to contribute towards increased resilience to droughts and other negative impact of climate change for vulnerable groups and reduce the number of children under 5 years who are stunted in Isiolo County (WHA - Global Nutrition Target 1 for 2025). The **Specific Objective** of the project is: to enhance Food and Nutrition Security (FNS) for vulnerable Pastoralist and Agro-pastoralist Communities in Isiolo County, generating Sustainable livelihoods, protecting productive assets and improving climate-smart county service delivery. The action will target beneficiaries located mainly in 6 priority wards namely Oldonyiro, Ngaremara, Chari, Cherab, Kinna and Garbattula.

#### The Expected Output

- **ER1:** Improved drought resilient and nutrition-sensitive agriculture/livestock production, integrated with conflict resolution and peace building strategies:
- **ER2:** Key productive household (HH) assets and community investments are sustainably built and recovery capacities against recurrent droughts are strengthened, with a particular focus on women's economic empowerment:
- **ER3:** Isiolo County is empowered to address FNS issues, improved data collection and cross-sectoral collaboration to facilitate local political commitment and awareness-raising

*E4Impact is implementing activities related to strengthening the resilience of pastoralist and agro-pastoralist communities through entrepreneurship, links to markets and development of value chains, enhancing the One Village One Product Initiative, and lobbying Isiolo County to incorporate climate-smart technologies for strengthening resilience*

#### The objective of the research

Consequently, E4Impact Foundation is currently seeking to hire a consultant to carry out detailed Livestock Population census in Isiolo County. The assignment will also entail collecting data on livestock movements, drivers of these movements along with documentation of the challenges and opportunities that exists for the pastoralists in the county.

#### Geographical Scope

The short-term consultancy will carry out livestock data collection in 6 priority wards namely Oldonyiro, Ngaremara, Chari, Cherab, Kinna, Garbatulla as well as four other wards namely Sericho, Burat, Wabera and Bula Pesa

## Duration

4 weeks

## General Objective of the Livestock Census

The objective of the Livestock data collection is to establish Livestock and poultry population at county and ward levels along with other information related to movement and management.

## Specific Objectives

- a) Plan and carry out livestock population census in each of the targeted wards to obtain data such as livestock type, numbers, sex, breed, use and livestock system.
- b) Carryout interviews at household, village, ward, and county level to gather data and information related to livestock movements and managements.
- c) Through the interviews at the different levels, document the challenges and opportunities with livestock farming.

## Use of findings

E4Impact Foundation and the county government will use the information from the exercise in:-

- i. Assess the environmental and social impacts of livestock and livestock systems.
- ii. Identify land degradation hotspots from overgrazing, vegetation quality degradation and animal induced soil erosion
- iii. Making informed climate - resilient decisions to support with sustainable livestock activities for the pastoralists.
- iv. Streamlining livelihood strategies linked to livestock to enhance livelihood sustainability of the local communities in the target wards.
- v. Strategic decision making and programme intervention development related to livestock by the county government.

## The study should specifically provide statistics on the items below at household level

1. The number of cattle, goats, sheep, camels, and poultry among others per household and ward
2. Number of animals according to sex (of each animal type)
3. Number of animals according to purpose (for each animal type eg milking, breeding)
4. Number of animals born annually (live births)
5. Number of animals acquired annually (purchased)
6. Number of animals slaughtered
7. Number of animals sold per year
8. Number of animals that have died due to natural causes such as disease or age
9. Number of animals that have died due to draught (Lack of access to feed and water)
10. Number of animals that have died due to other causes such as conflicts or attacks
11. Number of animals lost to theft or rustling
12. Constraints to production and causes of mortality.
13. Types of feed available
14. Provide information on approximate feed needs for livestock
15. The census should also provide percentage distribution of livestock per ward
16. Obtain information on farm infrastructure and equipment used in production



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17. Provide information on use and access to veterinary services
18. Establish management and husbandry practices and ownership.
19. Any other information or concerns provided by the interviewees that they would like to share

### **Methodology:**

The consultant is expected to use various methods of carrying out this assignment including, but not limited to:

- (i) Desk review - reviewing relevant documents generated by both local and national governments, NGOs and other organizations on livestock population and more specifically the national population census of 2019
- (ii) Use census methodology to establish the animal population in the target wards
- (iii) Develop innovative tools for primary data collection interviews with target respondents (HH questionnaires, local and national government officials and other key actors from the private sector) and share with the client, the county and consortium manager for approval
- (iv) Employ a participatory approach to engage all the relevant stakeholders in the exercise, for example the consortium partners, relevant county line ministries, grazing committees among others

### **Consultant:**

#### **a) Core responsibilities of the Lead Consultant:-**

The lead consultant will be expected to perform the following core responsibilities:

1. Review all relevant secondary sources of data and any relevant information to the study.
2. Develop all necessary data collection tools, implementation plan, time schedule and present them for review before use.
3. Recruit research enumerators and supervisors for the exercise
4. Train research enumerators and supervisors for the exercise under the supervision of E4Impact
5. Conduct both quantitative and qualitative data collection using acceptable methodologies.
6. Develop relevant databases and provide supervision of data collection using the approved methods and procedures to ensure accuracy and quality of data
7. Constantly update the client on progress of the exercise through short reports for quality control
8. Present draft report for review and input.
9. Develop the final report incorporating stakeholders' feedback

#### **b) Skills and knowledge base requirements**

- Demonstrated experience in livestock data collection
- Expert in animal population statistics methodology
- Strong analytical, research and presentation skills.
- Excellent report writing skills
- Ability to take on assignments that require travel, mission and/or appointment to field locations.



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## **Education**

Advanced Degree in any of the following discipline: agriculture (animal husbandry), agricultural economics, statistics, environmental studies, and any other relevant background

## **Application Procedure**

Interested Firms or Individuals should provide the following documents together with the proposal:

1. Technical proposal or Expression of Interest indicating prior experience and how this assignment will be executed.
2. Financial proposal
3. Recent CV with references.

**All applications should be emailed to [bernadette.mutinda@e4impact.org](mailto:bernadette.mutinda@e4impact.org) and copied to [accelerator.kenya@e4impact.org](mailto:accelerator.kenya@e4impact.org) by 30<sup>th</sup> of November 2020**