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# Food and Agriculture organization of the United Nations

### **Terms of Reference for Interns**

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| **Name:** | |  | | | |
| **Job Title:** | | Animal genetic Improvement Specialist (Ruminant and Pigs) | | | |
| **Division/Department:** | | Sub-regional Office for West Africa/Animal Health & Production Unit | | | |
| **Location:** | | Dakar/Senegal | | | |
| **Linkage to Four Betters:** | | Better Production 50%/Better Nutrition 50% | | | |
| **Expected Start Date of Assignment:** | | July 2025 | **Duration: 11 months** | |
| **Report to:** | | Lionel GBAGUIDI | SFW Animal Health and Production Officer | |
|  | | | | |
| General Description of task(s) and objectives to be achieved | | | | |
| |  | | --- | | **Background:**  The Food and Agriculture Organization of the United Nations (FAO) is a specialized Agency that leads international efforts to end hunger. Our goal is to achieve food security for all and to ensure that people have regular access to sufficient quality food for an active and healthy life.  The FAO Sub-regional Office for West Africa (SFW) is responsible for developing, promoting, monitoring and implementing strategies to address food security, agriculture and rural development priorities in the West African sub-region (15 ECOWAS countries). The Organization’s technical assistance includes institution-building, the development of knowledge and skills, and the exchange of experience between countries facing the challenges of transition. The FAO supports countries in animal genetic capacities, through the genetic improvement of local breeds in semi-intensive and intensive production systems. |   **Duties and Responsibilities:**   * Support a desktop review of past and ongoing animal genetic improvement programs for lessons learned in West Africa. * Assess the country's needs for capacity building in ruminant and swine AI. * Prepare a summary plan to support the development of genetic improvement of ruminants and pigs on semi-intensive/intensive farms. * Revise the draft guide developed by FAO SFW for artificial insemination of cattle on farms using frozen bull semen and estrus synchronization. * Develop a guide for artificial insemination of pigs using both fresh and/or frozen semen and estrus synchronization. * Organize a training session for targeted livestock technicians in the beneficiary countries to make the ruminant/pig insemination technology available. | | | | |
| key performance indicators | | | | |
| **Expected Outputs**: | | | **Required Completion Date:** | |
| The assignment methodology and work plan | | | 10/01/2025 | |
| * Desktop review of past and ongoing animal genetic improvement programs for lessons learned | | | 30/01/2025 | |
| Assessment report of the country's needs of capacity building bovine artificial insemination. | | | 28/02/2025 | |
| Summary plan to support the development of bovine genetic improvement on semi-intensive/intensive farms. | | | 15/04/2025 | |
| Revised guide for bovine artificial insemination. | | | 30/06/2025 | |
| Report on training session for targeted livestock technicians in beneficiary countries to make bovine insemination technology accessible. | | | 30/06 to  30/11/2025 | |
| Final mission synthetic report | | | 31/12/2025 | |
| **REQUIRED COMPETENCIES** | | | | |
| **Minimum Requirements:**   * Working knowledge (proficient – level C) of English and limited knowledge (intermediate – level B) of another FAO official language (Arabic, Chinese, French, Russian or Spanish). * Candidates must be enrolled in an under-graduate or post-graduate degree programme in a bona fide educational institution in Livestock, Animal Genetics, Pigs Production, Zootechnics, Veterinary Science, Animal Biology, or other closely related fields at the time of application, or recent graduates of such an institution. * IT skills: very good knowledge of MS Office applications and internet. | | | | |