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**NATIONAL ENVIRONMENT MANAGEMENT AUTHORITY(NEMA)
THE ENVIRONMENTAL MANAGEMENT AND CO-ORDINATION ACT
ENVIRONMENTAL IMPACT ASSESSMENT LICENSE**

License No: **NEMA/EIA/PSL/17291**

Application Reference No: **NEMA/EIA/PSR/29321**

This is to certify that the Environmental Impact Assessment Project Report received from
County Government of Kisumu

P.O Box 2738 - 40100 KISUMU

submitted to the National Environment Management Authority in accordance with the
Environmental Impact Assessment & Audit Regulations, 2003 regarding the
SEMEKI Poultry incubation and Hatchery Center Project

whose objective is to carry on
**Improve agricultural productivity and enhanced resilience to climate change risks
among farmers in Kisumu County through access to quality indigenous poultry
chicks, feeds and farmer training.**

located at

**Got Odongo village, South Ratta sub-location, North Seme ward, Seme sub-county,
Kisumu county**

has been reviewed and a license is hereby issued for the implementation of the project,
subject to attached conditions.

Issue date: **23 February, 2022**

Signature

(Seal)

Director-General,
The National Environment
Management Authority.

Cancel

P.T.O.



ISO 9001:2015 Certified

1. General Conditions

This project is for **PROPOSED CONSTRUCTION OF SEMEKI POULTRY HATCHING AND INCUBATION CENTRE ON PLOT L.R NO. KISUMU/RATTA/2419, SEME SUB-COUNTY, KISUMU COUNTY.**

- 1.1 The license shall be valid for **24 months** from the date of issue.
- 1.2 Without prejudice to the other conditions of this license, the proponent shall implement and maintain an environmental management system, organizational structure and allocate resources that are sufficient to achieve compliance with the requirements and conditions of this license.
- 1.3 The Authority shall take appropriate action against the proponent in the event of breach of any of the conditions stated herein or any contravention to the Environmental Management and Coordination Act, CAP 387 and regulations there under.
- 1.4 This license shall not be taken as statutory defense against charges of pollution in respect of any manner of pollution not specified herein.
- 1.5 The proponent shall ensure that records on conditions of licenses'/approval and project monitoring and evaluation shall be kept on the project site for inspection by NEMA's Environmental Inspectors.
- 1.6 The proponent shall submit an Environmental Audit Report in the first year of occupation/operation/commissioning to confirm the efficacy and adequacy of the Environmental Management Plan.
- 1.7 The proponent shall comply with NEMA's improvement orders throughout the project cycle.
- 1.8 The proponent shall provide the final project accounts (final project costs) on completion of construction phase. This should be done prior to project commissioning /operation /occupation.
- 1.9 The proponent shall comply with NEMA's improvement orders throughout the cycle.
- 1.10 The license shall not be taken as statutory defense against charges of pollution in respect to any manner of pollution.

2. Construction Conditions

- 2.1 **In the event the project borders a river or stream, pursuant to regulation 6(c) of water quality regulations, 2006, the proponent shall protect the riparian reserves by ensuring that NO development activity is undertaken within the full width of the river or stream to a minimum of (6) meters and a maximum of 30 meters on either sides based on the highest recorded flow level.**
- 2.2 The proponent shall ensure that all excavated material and debris is collected, re-used and where need be disposed off as per the Environmental Management and Coordination (Waste Management) Regulations 2006. The debris shall only be deposited to a NEMA license site.
- 2.3 The proponent shall put up a project signboard as per the Ministry of Works Standards indicating the NEMA license number among other information.
- 2.4 The proponent shall ensure strict adherence to the provisions of Environmental Management and Coordination (Noise and Excessive Vibration Pollution Control) Regulations 2006.
- 2.5 The proponent shall ensure strict adherence to the Occupational Safety and Health Act (OSHA), 2007.
- 2.6 The proponent shall ensure that construction workers are provided with adequate personal protection equipment (PPE), sanitary facilities as well as adequate training.
- 2.7 The proponent shall ensure strict adherence to the Water Act 2002 and its subsidiary legislations.
- 2.8 The proponent shall ensure that activities are undertaken during the day (and not at night) – between **08.00hrs and 17.00hrs**; and that transportation of construction materials to and from the site are undertaken during weekdays (and not weekends) off peak hours.
- 2.9 **Give emphasis to the control of dust, noise, vibration and occupational hazards at all stages of project development.**
- 2.10 The proponent shall ensure strict adherence to the Environmental Management Plan developed throughout the project cycle.
- 2.11 **The proponent shall ensure that the development adheres to zoning specifications issued for development of such a project within the jurisdiction of Kisumu County with emphasis on approved land use for the area.**

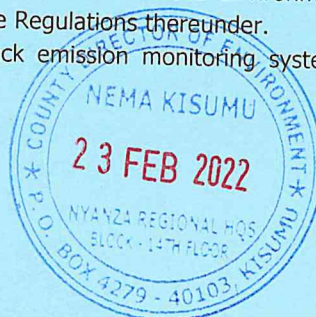
- 2.11 The proponent shall ensure that adequate and appropriate sanitary facilities are provided for the workers during all phases of the project and proper decommissioning of the facilities is carried out once construction is complete.

3. Operational conditions

- 3.1 The proponent shall ensure high standards of construction is employed to get value for money for the project.
- 3.2 The proponent shall ensure that all solid waste including chicken droppings and used saw dust materials is handled in accordance with the Environmental Management and Coordination (Waste Management) Regulations 2006. Care should be taken in handling, storage and disposal of hazardous waste or materials.
- 3.3 The proponent shall ensure that all workers are well protected and trained as per the OSHA, 2007.
- 3.4 The proponent shall comply with the relevant principal laws, by-laws and guidelines issued for development of such a project within the jurisdiction of City Council of Kisumu, Public Health, occupational safety Act of 2007 (OSHA), Fisheries, Kenya Maritime Act etc.
- 3.5 The proponent shall ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as noise, liquid and solid waste management are installed and used appropriately.
- 3.6 Give emphasis to the control of dust, noise, vibration and occupational hazards during the occupation of the site.**
- 3.7 The owner/operator shall comply with NEMA improvement orders throughout the operational period.
- 3.8 The owner/operator shall ensure that all visitors to the site are provided with required PPE.
- 3.9 The owner/operator shall ensure that the approved Environmental Management Plan (EMP) under the Environmental Impact Assessment/Environmental Audit report is adhered to throughout the operational cycle.
- 3.10 The proponent shall ensure that all equipment used is well maintained in accordance with the Environmental Management and Coordination (Noise and Excessive vibration pollution control) Regulations 2009.
- 3.11 The proponent shall ensure that all solid waste is handled in accordance with the Environmental Management and Coordination (Waste Management) Regulation 2006.
- 3.12 The proponent shall put in place suitable and effective pre-treatment system that ensures waste water is cleaned of oil and chemicals and that the discharge meets set standards as provided for by Environmental Management and Coordination (Water Quality) Regulations 2006.
- 3.13 The proponent shall ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as noise, excessive vibration, liquid and solid waste management are put in place.
- 3.14 The owner or operator shall ensure that a copy of the license is kept at the site at all times throughout the operational period.
- 3.15 The owner/operator shall keep records of the weight, physical and chemical characteristics of all wastes/materials recycled at the site during the license period.
- 3.16 Ensure safe disposal of dead chicken, drugs and vaccine bottles used at the hatchery through incineration.

4. Monitoring Conditions

- 4.1 The Authority shall reserve the right to withdraw, cancel or vary this license in the event of breach of any of the conditions stated herein or any contravention to the Environmental Management and Coordination Act, CAP 387, laws of Kenya and the Regulations thereunder.
- 4.2 The owner/operator shall install continuous stack emission monitoring systems and carry tests on PH, SO₃ and NO₃, VOCs among others.



4.3 The owner/operator shall carry out Environmental Audits which must give the environmental performance of the facility as required under the Environmental Management and Coordination (Impact Assessment and Audit) Regulations, 2003

5. Notification conditions

5.1 The proponent shall seek written approval from the Authority for any operational changes under this license

5.2 The proponent shall ensure that the Authority is notified of any malfunction of any system within 12 hrs on the NEMA hotline 020606041 and mitigation measures put in place.

5.3 The proponent shall keep records of all pollution incidences & notify the Authority within 24hrs

5.4 The proponent shall notify the Authority of its intent to decommission three months in advance in writing.

6. Decommissioning conditions

6.1 The proponent shall ensure that a decommissioning plan is submitted to the Authority for approval at least three (3) months prior to decommissioning. The decommissioning shall include appropriate removal and disposal of all cage materials and assessment of the water quality

6.2 The proponent shall ensure that all pollutants are contained and adequate mitigation measures provided during the phase.

