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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/23233**

Application Reference No: **NEMA/EIA/PSR/36640**

This is to certify that the Environmental Impact Assessment Project Report received from
MUKUYUNI FARMERS COOPERATIVE SOCIETY LIMITED
P.O. BOX 1263 -90100 MACHAKOS

submitted to the National Environment Management Authority in accordance with the
Environmental Impact Assessment & Audit Regulations, 2003 regarding the:

PROPOSED REHABILITATION AND MODERNIZATION OF MUKUYUNI COFFEE FACTORY

whose objective is to carry on

**RENOVATIONS OF THE RECEIVING BAY, SORTING BAY, CHERRY HOPPER AND
PARCHMENT STORES. REPAIRING OF FERMENTATION TANKS, WASHING CHANNELS,
WATER TANKS, WATER CIRCULATION SYSTEM, WASTE MANAGEMENT SYSTEM,
UPGRADING OF DRY TABLES AND THE PULPING SYSTEM, INSTALLATION OF A
GENERATOR AND MODERN SECURITY SYSTEM AND ASSOCIATED AMENITIES**

located at

**PLOT L.R NO: KATHIANI/KAWEA/1868 IN KAWEA SUB-LOCATION, KAWEA LOCATION,
KATHIANI SUB COUNTY, MACHAKOS COUNTY**

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

Issue date : **21 December, 2022**

Signature

(seal)



**Director-General
The National Environment
Management Authority.**

P.T.O.



ISO 9001:2015 Certified

MUKUYUNI FARMERS COOPERATIVE
SOCIETY PLASTIC LIMITED
P.O BOX 1263-90100
MACHAKOS

RE: CONDITIONS FOR LICENSING OF AN ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROJECT REPORT FOR THE PROPOSED REHABILITATION AND MODERNIZATION OF MUKUYUNI COFFEE FACTORY ON PLOT LR NO. KATHIANI/ KAEWA/1868 IN KAEWA SUB-COUNTY, KAEWA LOCATION, KATHIANI SUB-COUNTY, MACHAKOS COUNTY

The National Environment Management Authority (NEMA) has reviewed the Environmental Impact Assessment (EIA) Project Report of the above mentioned proposed project and in light of the provisions of the Environmental Management and Coordination Act of 387; the Authority has considered granting a license for the proposed project with the following mandatory conditions:

1.0 General Conditions

- 1.1 This project is for the **Proposed rehabilitation and modernization of Mukuyuni Coffee Factory involving Renovations of the receiving bay, sorting bay, cherry hopper, and parchment stores repairing of fermentation tanks, washing channels, water tanks, water circulation system, waste management System, upgrading of dry tables, and the pulping system installation of a generator and modern Security system and associated activities on Plot LR No. Kathiani/Kaewa/1868 in Kaewa Sub-county, Kaewa Location, Kathiani Sub-county, Machakos County.**
- 1.2 The license shall be valid for 24 months (time within which the project shall commence from the date hereof).
- 1.3 The Director General shall be notified of any transfer, variation or surrender of this license.
- 1.4 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.
- 1.5 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, 1999 and regulations therein.
- 1.6 This license shall not be taken as statutory defence against charges of environmental degradation or pollution in respect of any manner of degradation/pollution not specified herein.
- 1.7 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.
- 1.8 The proponent shall submit an Environmental Audit report in the first year of occupation/operations/commissioning to confirm the efficacy and adequacy of the Environmental Management Plan.
- 1.9 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.
- 1.10 The proponent shall comply with NEMA's improvement orders throughout the project cycle.



2.0 Installation Conditions

- 2.1 The proponent shall obtain the requisite approvals from Machakos County Government and all other relevant Authorities prior to commencement of works.
- 2.2 The proponent shall put up a project signboard as per the Ministry of Transport and Infrastructure standards indicating the NEMA EIA license number among other information.
- 2.3 In the event that the project site borders a river or a stream the proponent, pursuant to Regulation 6 (c) of the Water Quality Regulation 2006, shall protect the riparian reserve by ensuring that no development activity is undertaken within the full width of the river or stream to a minimum of six (6) meters and a maximum of 30 meters on either side based on the highest recorded flood level.
- 2.4 The proponent shall ensure that adequate and appropriate sanitary facilities are provided for the workers during construction phase and that proper decommissioning of the facilities is carried out once construction is complete.
- 2.5 The proponent shall ensure that the go-downs housing the coffee milling plant are constructed as per the approved design drawings with strict adherence to the building code of Kenya of 1968.
- 2.6 The proponent shall design and implement a concise traffic management plan duly approved by the Town Engineer and the Kenya Urban Roads Authority before commencement of works.
- 2.7 The proponent shall ensure strict adherence to the provisions of the Environmental Management and Coordination (Air Quality) Regulations of 2014.
- 2.8 The proponent shall ensure air pollution control measures are put in place to mitigate against any dust during the construction phase.
- 2.9 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 of 2006.
- 2.10 The proponent shall ensure strict adherence to the provisions of the Environmental Management and Coordination (Noise and Excessive Vibrations Pollution Control) Regulations of 2009.
- 2.11 The proponent shall ensure strict adherence to the Occupational Safety and Health Act (OSHA), 2007.
- 2.12 The proponent shall ensure that construction workers are provided with adequate personal protection equipment (PPE) as well as adequate training.
- 2.13 The proponent shall ensure that the cooling systems employed are suitable alternatives with zero ozone depleting potential as per the Environmental Management and Coordination (Controlled Substances) Regulations, 2006.



- 2.14 The proponent shall ensure that construction activities are undertaken during the day (and not at night) between 08.00 hrs and 18.00 hrs; and on Saturdays between 0800 hrs to 1300 hrs. No work shall be undertaken on Sundays; and that transportation of construction materials to and from site is undertaken during weekdays and Saturdays only during the hours specified herein.
- 2.15 The proponent shall ensure that the development adheres to zoning specifications issued for development of such a project within the jurisdiction of the County Government of Machakos, the Water Resource Management Authority, the Ministry of Industrialization and Enterprise Development with emphasis on approved land use for the area.
- 2.16 The proponent shall ensure strict adherence to the Environmental Management Plan developed throughout the project cycle.

3.0 Operational Conditions

- 3.1 The proponent shall obtain authorization from water resources management authority (WRMA) to abstract water from the existing borehole before abstracting water.
- 3.2 The proponent shall obtain all the requisite approvals from the relevant Authorities prior to commencement of the operations of the plant. Such shall include but not limited to approvals by the County Government of Machakos, and quality certification by Kenya Bureau of Standards, etc.
- 3.3 The proponent shall ensure that the proposed activities are undertaken under hygienic conditions approved by the County Public Health Officer.
- 3.4 The proponent shall ensure that the chemicals used in the production process are properly handled and disposed of as directed in the Material Safety Data Sheets.
- 3.5 The proponent shall ensure that all waste water is disposed as per the standards set out in the Environmental Management and Coordination (Water Quality) Regulations of 2006.
- 3.6 The proponent shall ensure that rain water harvesting facilities are provided to supplement surface and ground water.
- 3.7 The proponent shall ensure that all drainage facilities are fitted with adequate functional oil water separators and silt traps.
- 3.8 The proponent shall ensure that appropriate and functional efficient air pollution control mechanisms are installed in the facility to control all air emissions.
- 3.9 The proponent shall ensure that all equipment used are well maintained in accordance with the Environmental Management and Coordination (Noise and Excessive Vibration Pollution Control) Regulations of 2009.
- 3.10 The proponent shall ensure that all solid waste is handled in accordance with the Environmental Management and Coordination (Waste Management) Regulations of 2006.
- 3.11 The proponent shall ensure strict adherence to the Occupational Safety and Health Act (OSHA), 2007.
- 3.12 The proponent shall comply with the relevant principal laws, by-laws and guidelines issued for development of such a project within the jurisdiction of Machakos County Government,



Ministry of Lands, Housing & Urban Development, Ministry of Health, the Directorate of Occupational Health and Safety Services, Water Resources Management Authority, the Ministry of Industrialization and Enterprise Development, National Construction Authority, Kenya Bureau of Standards and other relevant Authorities.

- 3.13 The proponent shall ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as a functional soil erosion control scheme, installation of water and energy-saving fixtures, functional storm drainage system, emergency response fixtures/ plan, traffic management plan, effluent treatment plant, solid waste management plans, functional landscaping and tree planting, water quality testing and catchment protection mechanisms are constructed and employed simultaneously with the proposed project.

4.0 Notification Conditions

- 4.1 The proponent shall ensure that mitigation measures identified are implemented during both construction and operation.
- 4.2 The proponent shall seek written approval from the Authority for any operational changes under this license.
- 4.3 The proponent shall ensure that the Authority is notified of any malfunction of any system within 12 hours on the NEMA hotline No. **020 6006041/ 0786101100** and mitigation measures put in place.
- 4.4 The proponent shall keep records of all pollution incidences and notify the Authority within 24 hours.
- 4.5 The proponent shall notify the Authority in writing of its intent to decommission the facility **three (3) months** in advance.

5.0 Decommissioning Conditions

- 5.1 The proponent shall ensure that a decommissioning plan is submitted to the Authority for approval at least three (3) months prior to decommissioning.
- 5.2 The proponent shall ensure that all pollutants and polluted material is contained and adequate mitigation measures provided during the phase.

The above conditions will ensure environmentally sustainable development and must be complied with.



