



nema

mazingira yetu | uhajiwetu | wajibu wetu

Application Reference No. 1119

Registration No. 0056212

For Official Use

NATIONAL ENVIRONMENT MANAGEMENT AUTHORITY (NEMA)

THE ENVIRONMENTAL MANAGEMENT AND CO-ORDINATION ACT

ENVIRONMENT IMPACT ASSESSMENT LICENSE

This is to certify that the Environmental Impact Assessment Project Report received from
Kenya Climate Smart Agriculture Project - Laikipia County (Name of individual/firm) of **P.O Box 1271 - 10400 Nanyuki** (Address)

Submitted to the National Environment Management Authority (NEMA) in accordance with the Environment Impact Assessment and Audit Regulations 2003 regarding

Proposed Dam Rehabilitation

(title of project) whose objective is to carry on

Rehabilitation of Matangi Dam

(briefly describe purpose) located at

In Matangi Village, Chumbi Sub-Location, Ethi Location Laikipia North, Laikipia County

(locality and county) has been reviewed and a license is hereby issued for implementation of the project, subject to attached conditions

Date this **27th** Day of **March, 2019**

Signature

SEAL

Director General

The National Environment Management Authority

CONDITIONS OF LICENSE

1. This license is valid for a period of **24 months** (time within which the project should commence) from the date hereof.
2. The Director-General shall be notified of any transfer/variation/surrender of this license.

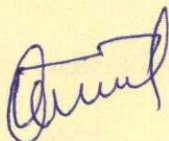
**RE: CONDITIONS FOR LICENSING OF ENVIRONMENTAL IMPACT
ASSESSMENT PROJECT REPORT FOR PROPOSED
MATANGI EARTH DAM REHABILITATION PROJECT WITHIN MATANGI
VILLAGE IN CHUMBI SUB LOCATION, ETHI LOCATION, LAIKIPIA NORTH
SUB COUNTY, LAIKIPIA COUNTY**

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 Environmental Management and Coordination Act, 1999; the Authority has approved the proposed Water project subject to the following mandatory conditions:

1. This project is for water dam rehabilitation.
2. The licence shall be valid for 24 months from the date of issue
3. 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.
4. 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 Co-ordination Act, 1999 and regulations there under.
5. This license shall not be taken as statutory defense against charges of pollution in respect of any manner of pollution not specified herein.
6. 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 and WRMA's Environmental Inspectors.
7. The proponent shall comply with NEMA's and WRMA's improvement orders throughout the project cycle
8. The proponent shall provide the final project accounts (final project costs) on completion of rehabilitation phase. This should be done prior to project commissioning/operation.

2.0 Construction Conditions

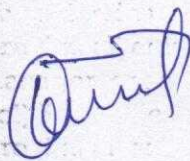
- 2.1. In the event the project borders a river or stream, pursuant to regulation 6 (c) water quality Regulations, 2006, the proponent shall protect the riparian reserve by ensuring that NO development activity is undertaken within the full width of the river or stream to a minimum of six (6) metres and a maximum of 30 metres 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.
- 2.3. The proponent shall ensure strict adherence to the provisions of Environmental Management and Coordination (Noise and Excessive Vibrations Pollution Control) Regulations 2009.
- 2.4. The proponent shall ensure strict adherence to the Water Act 2002.
- 2.5. The proponent shall ensure that construction workers are provided with adequate personal protection equipment (PPE), sanitary facilities as well as adequate training.



- 2.6. The proponent shall ensure that construction activities are undertaken during the day (and not at night) - between 08.00 hrs and 17.00 hrs; and that transportation of construction materials to and from site are undertaken during weekdays (and not weekends) off peak hours.
- 2.7. The proponent shall ensure strict adherence to the Environmental Management Plan developed throughout the project cycle.
- 2.8. The proponent shall ensure that the development adheres to zoning specifications issued for development of such a project within the jurisdiction of Laikipia County with emphasis on approved land use for the area.
- 2.9. The proponent shall ensure that adequate and appropriate sanitary facilities are provided for the workers during construction phase and the proper decommissioning of the facilities is carried out once construction is complete.
- 2.10. In case of any variation of the proposed project or additional projects planned a new process of EIA will commence. This also calls for compliance to all lead agency legislations.

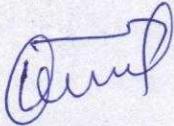
3.0 Operational Conditions

- 3.1. 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 2006.
- 3.2. The proponent shall ensure that all drainage facilities are fitted with adequate functional Oil Water Separators and silt traps
- 3.3. The proponent shall ensure that appropriate and functional efficient Air Pollution Control mechanisms are installed in the facility to control all air emissions.
- 3.4. 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.
- 3.5. The proponent shall ensure that all solid waste is handled in accordance with the Environmental Management and Coordination (Waste Management) Regulations 2006.
- 3.6. The proponent shall ensure that all workers are well protected trained as per the OSHA, 2007
- 3.7. The proponent shall comply with the relevant principal laws, WRMA's regulations, County government Laws and guidelines issued for development of such a project within the jurisdiction of Ministry of Public Health and Sanitation, Directorate of Occupational Safety and Health Services, Ministry of Housing, County Government Of Laikipia and other relevant Authorities
- 3.8. The proponent shall obtain an authorization to drill any borehole from WRMA before drilling and abstracting water.
- 3.9. The proponent shall ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as solid waste management, landscaping mechanism are designed, constructed and employed simultaneously with the proposed project.



4.0 Notification Conditions

- 4.1. The proponent shall seek written approval from the Authority for any operational changes under this license
- 4.2. The proponent shall ensure that the Authority is notified of any malfunction of any system within 12 hrs on the NEMA hotline 020 606041 and mitigation measures put in place
- 4.3. The proponent shall keep records of all pollution incidences & notify the Authority within 24 hrs.



**FANUEL MOSAGO
DIRECTOR OF ENVIRONMENT,
LAIKIPIA COUNTY**