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Application Reference No.....	PR/838
Registration No.....	0066273

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(KCSAP).....(Name of individual/firm) of.....
P.O. BOX 10 KATHWANA.....(Address)
 submitted to the National Environment Management Authority (NEMA) in accordance with the Environment
 Impact Assessment and Audit Regulations 2003 regarding.....**THE PROPOSED**.....

.....**RUBATE IRRIGATION PROJECT**.....
(title of project) whose objective is to carry on

.....**PROVISION OF IRRIGATION WATER FOR 500 FARMERS PHASE I-274 & PHASE II-226**.....

.....(briefly describe purpose) located at
RUBATE LOCATION MAGUMONI WARD MERU SOUTH SUB COUNTY

.....**THARAKA NITHI COUNTY**.....(locality and County) has been

viewed and a license is hereby issued for implementation of the project, subject to attached conditions

Dated this.....**5TH**..... Day of**FEB 2021**.....

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.



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KENYA CLIMATE SMART AGRICULTURE PROJECT(KCSAP)

P.O. BOX 10 KATHWANA

THE PROPOSED

RUBATE IRRIGATION PROJECT

PROVISION OF IRRIGATION WATER FOR 500 FARMERS PHASE I-274 & PHASE II-226

**RUBATE LOCATION MAGUMONI WARD MERU SOUTH SUB COUNTY
THARAKA NITHI COUNTY**

5TH

FEB 2021



1. General Conditions

- 1.1 This license is for the proposed rubate irrigation water project in Meru South Sub county, Tharaka Nithi County.
- 1.2 Without prejudice to the other conditions of this licence, 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 licence.
- 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 Co-ordination Act, 1999 and regulations thereunder.
- 1.4 This licence shall not be taken as statutory defence 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 licences/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 the construction phase. This should be done prior to project commissioning/ operation/ occupation.

2. Construction Conditions

- 2.1 In the event that the project borders a river or stream, pursuant to regulation (c) of 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) meters and a maximum of 30 meters on either sides based on the highest recorded flow level.
- 2.2 The proponent shall put up a project signboard as per the Ministry of Works Standards indicating the NEMA license number among other information.
- 2.3 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.
- 2.4 The proponent shall ensure strict adherence to the provisions of Environmental Management and Coordination (Noise and Excessive Vibrations Pollution Control) Regulations 2009
- 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 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.
- 2.8 The proponent shall ensure strict adherence to the Environmental Management Plan developed throughout the project cycle.
- 2.9 The proponent shall ensure the facility has provision for emergency preparedness and response in case of fire and other emergencies
- 2.10 The proponent shall ensure that the development adheres to zoning specifications issued for development of such a project within the jurisdiction of Tharaka Nithi County Government with emphasis on approved land use for the area.

3. Operational Conditions

- 3.1 The proponent shall ensure that rain water harvesting facilities are provided to supplement surface and ground water
- 3.2 The proponent shall ensure that all liquid waste or waste water is disposed as per the standards set out in the Environmental Management and Coordination (Water Quality) Regulations 2006.



- 3.3 The proponent shall ensure strict adherence to the provisions of Environmental Management and Coordination (Water Quality) Regulations 2006.
- 3.4 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 2009.
- 3.5 The proponent shall ensure that appropriate and functional efficient Air Pollution Control mechanisms are installed in the facility to control all air emissions
- 3.6 The proponent shall ensure that all solid waste is handled in accordance with the Environmental Management and Coordination (Waste Management) Regulations 2006.
- 3.7 The proponent shall ensure that all workers are well protected and trained as per the OSHA, 2007
- 3.8 The proponent shall comply with the relevant principal laws, by-laws and guidelines issued for development of such a project within the jurisdiction of Tharaka Nithi County Government, and other relevant Authorities.
- 3.9 The proponent shall ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as solid waste management plans, liquid waste management plan, storm water drains, functional landscaping and tree planting scheme, installation of water and energy saving fixtures, are designed, constructed and employed simultaneously with the proposed project.
- 3.10 The proponent shall ensure that the cooling systems employed are suitable alternative with zero ozone depleting potential

4. Notification Conditions

- 4.1 The proponent shall seek written approval from the Authority for any operational changes under this licence
- 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 6006041 and mitigation measures put in place
- 4.3 The proponent shall keep records of all pollution incidences & notify the Authority within 24 hrs.
- 4.4 The proponent shall notify the Authority of its intent to decommission three months in advance in writing.

5. 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.

A handwritten signature in black ink, appearing to read 'J. M. M.', is written over the bottom of the page. The signature is stylized and somewhat illegible.