



nema
mazingira yetu | uhai wetu | wajibu wetu

Application Reference No..... **PR/1828**
Registration No.....
0066923

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
COUNTY GOVERNMENT OF KISUMU.....(Name of individual/firm) of
P.O. BOX 2738-40100 KISUMU.....(Address)

submitted to the National Environment Management Authority (NEMA) in accordance with the Environment
Impact Assessment and Audit Regulations 2003 regarding **THE PROPOSED
DRILLING AND EQUIPING OF KALOO BOREHOLE**

.....(title of project) whose objective is to carry on
**TO PROVIDE RELIABLE SOURCE OF CLEAN AND SAFE DRINKING WATER TO
ADDRESS WATER SCARCITY PROBLEM**

.....(briefly describe purpose) located at
**NYABOLA AREA NORTH KABODHO SUB-LOCATION, CENTRAL NYAKACH WARD
NYAKACH SUB-COUNTY, KISUMU COUNTY**

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

Dated this..... **25TH** Day of **OCT 2019**
Signature..... 

SEAL

for **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.

P.T.O.



ISO:9001-2008 Certified

General Conditions

- 1.1 This project is for **THE PROPOSED DRILLING AND EQUIPING OF KALOO BOREHOLE, NYABOLA AREA NORTH KABODHO SUB-LOCATION, CENTRAL NYAKACH WARD, NYAKACH SUB-COUNTY KISUMU COUNTY**
- 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.

2. Construction Conditions

- 2.1 **The proponent shall obtain authorization from water resource authority before commencing construction works**
- 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 licensed 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 Vibrations Pollution Control) regulations 2009.
- 2.5 The proponent shall ensure strict adherence to the provisions of Environmental Management and Coordination (Wetlands, Riverbanks, Lakeshores and Sea shore management) Regulations 2009.
- 2.6 The proponent shall ensure strict adherence to the provisions of Environmental Management and Coordination (Water quality) Regulations 2006.
- 2.7 The proponent shall ensure strict adherence to the Occupational Safety and Health Act (OSHA), 2007.
- 2.8 The proponent shall ensure that construction workers are provided with adequate personal protection equipment (PPE), sanitary facilities as well as adequate training.
- 2.9 The proponent shall ensure strict adherence to the Water Act 2002 and its subsidiary legislations.
- 2.10 The proponent shall ensure that construction 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.
- 2.11 The proponent shall ensure strict adherence to the Environmental Management Plan developed throughout the project cycle.
- 2.12 The proponent shall ensure that the development adheres to zoning specifications issued for development of such a project within the jurisdiction of the City Council of Kisumu and KIWASCO with emphasis on approved land use for the area.
- 2.13 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.
- 2.14 The proponent shall provide building plans approved by relevant agencies.

From the
29/10/2019

3. 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, and all drainage facilities are maintained all the times.
- 3.2 The proponent shall ensure that rain water harvesting facilities are provided to supplement surface and ground water.
- 3.3 The proponent shall ensure high standards of construction are employed to get value for money for the project.
- 3.4 The proponent shall ensure that the building is disability friendly.
- 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 equipment used is well maintained in accordance with the Environmental Management and Coordination (Noise and Excessive vibration Pollution Control) Regulations 2009.
- 3.7 The proponent shall ensure that all solid waste 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.
- 3.8 The proponent shall ensure that all workers are well protected and trained as per the OSHA, 2007.
- 3.9 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 and act of 2007(OSHA), Physical Planning, Housing, Disability, KIWASCO, Public Works, WRMA, Kenya Urban Roads Authority, Kenya National Highways Authority, Kenya Rural Roads Authority, Kenya Power And Lighting Company (KPLC) and other relevant Authorities.
- 3.10 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 mismanagement.
- 3.11 The proponent shall ensure that the cooling systems employed are suitable alternative with zero ozone depleting potential.
- 3.12 The proponent shall ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as noise pollution, excessive vibration, liquid and solid waste management are provided.

4. Notification conditions

5.

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