



## National Environment Management Authority

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### NOTICE TO THE PUBLIC TO SUBMIT COMMENTS ON AN ENVIRONMENTAL IMPACT ASSESSMENT STUDY REPORT FOR THE PROPOSED CONSTRUCTION OF A CARDIOTHORACIC CENTRE FOR TENWEK HOSPITAL ON PLOT L.R. NO. KERICHO/SILIBWET/3395 IN BOMET COUNTY.

Pursuant to Regulation 21 of the Environmental Management and Coordination (Impact Assessment and Audit) Regulations, 2003, the National Environment Management Authority (NEMA) has received an Environmental Impact Assessment Study Report for the above proposed project.

The Proponent, Tenwek Hospital, is proposing to develop a four storey cardi thoracic centre comprising of. 2No. basements, parking, mortuary, biohazard storage area, supply area, water tanks, power distribution room, offices, workshops, laundry area, laboratories, blood bank, pharmacy, wards, theatres, classrooms, conference centre, offices, ICU, HDU area, heart theatres, penthouse mechanical room and associated facilities and amenities on plot L.R No. Kericho/Silibwet/3395 in Bomet County.

The following are the anticipated impacts and proposed mitigation measures:

Impacts	Proposed mitigation measures
Air Quality	<ul style="list-style-type: none"> <li>Downwash of trucks (especially tyres) prior to departure from site;</li> <li>Cover stockpiles of sand, soil and similar materials or surround them with wind breaks;</li> <li>Post signs that limit vehicles speed onto unpaved roads and over disturbed soils;</li> <li>Avoid excavation works in extremely dry weathers;</li> <li>Sprinkle water on access routes when necessary to reduce dust generation by construction vehicles;</li> <li>Personal protective equipment to be worn;</li> <li>Vehicle idling time shall be minimized;</li> <li>Sensitize truck drivers to avoid unnecessary racing of vehicle engines at loading/offloading points and parking areas, and to switch off vehicle engines at these points.</li> </ul>
Demand for raw material	<ul style="list-style-type: none"> <li>Building materials such as sand ballast, hard core are extracted from registered quarry and sand mining firms whose facilities have undergone satisfactory environmental impact assessment/audit and received NEMA approval;</li> <li>Source building materials from local suppliers who use environmentally friendly processes in their operations;</li> <li>Ensure accurate budgeting and estimation of actual construction material requirements to ensure that the least amount of material necessary is ordered;</li> <li>Ensure that damage or loss of materials at the construction site is kept minimal through proper storage;</li> <li>Consider reuse of building materials and use of recycled building materials;</li> </ul>
Liquid Waste Management	<ul style="list-style-type: none"> <li>Expand the effluent discharge treatment plant;</li> <li>Provision of storm water drains;</li> <li>Proper decommissioning of waste water and sewerage system;</li> <li>Proper maintenance of the drainage system.</li> </ul>
Solid Waste Management	<ul style="list-style-type: none"> <li>Order materials in the sizes and quantities they will be needed;</li> <li>Damaged or wasted construction materials to be recovered for refurbishing, and use in other projects;</li> <li>Use of durable, long-lasting materials to reduce the amount of construction waste generated over time;</li> <li>Use building materials that have minimal or no packaging;</li> <li>Waste collection bins to be provided at designated points on site.</li> </ul>
Noise and Excessive Vibrations	<ul style="list-style-type: none"> <li>Install portable barriers to shield compressors and other small stationery equipment where necessary;</li> <li>working hours will be restricted to daytime only; • Restricted transport hours and noise in buffering;</li> <li>Use quiet equipment (i.e. equipment designed with noise control elements);</li> <li>Sensitize construction vehicle drivers and machinery operators to switch oil engines of vehicles or machinery not being used;</li> <li>Sensitize construction drivers to avoid gunning of vehicle engines or hooting especially when passing through sensitive areas;</li> <li>Ensure that construction machinery is kept in good condition to reduce noise generation.</li> </ul>
Increased demand for water	<ul style="list-style-type: none"> <li>Harvest rainwater;</li> <li>Promote recycling and reuse of water as much as possible;</li> <li>Promptly detect and repair of water pipe and tank leaks;</li> <li>Sensitize construction workers to conserve water.</li> </ul>
Increased demand for energy	<ul style="list-style-type: none"> <li>Ensure electrical equipment and appliances are switched off when not being used;</li> <li>install energy saving fluorescent tubes and bulbs at all lighting points instead of bulbs which consume higher electric energy;</li> <li>Ensure planning of transportation of materials to ensure that fossil fuels (diesel, petrol) are not consumed in excessive amounts;</li> <li>Monitor energy and set targets for reduction of energy use;</li> </ul>
Oil Spills	<ul style="list-style-type: none"> <li>A designated garage section of the site fitted with oil trapping equipment to be planned for changes;</li> <li>Prompt cleaning of oil and fuel spills;</li> <li>Proper disposal of clothing or rags contaminated with oil.</li> </ul>
Storm water management	<ul style="list-style-type: none"> <li>Surface runoff and roof water shall be harvested and stored for reuse; • Apply soil erosion control measures such as levelling of the project site to reduce run-off velocity and increase infiltration of storm water;</li> <li>Design a storm water management plan that minimizes impervious area infiltration by use of recharge areas and use of detention and/or retention with graduated outlet control structure.</li> </ul>
Occupational Health and Safety	<ul style="list-style-type: none"> <li>Registration of the Project as per Section 43 and 44 of the Occupational Safety and Health Act, 2007;</li> <li>Safety training shall be emphasized;</li> <li>Suitable, efficient, clean, well-lit and adequate sanitary conveniences should be provided for construction workers;</li> <li>Ensure that machinery, equipment, personal protective equipment, appliances and hand tools comply with the prescribed safety and health standards and be appropriately installed maintained anc. safeguarded;</li> <li>Arrangements must be in place to train and supervise inexperienced workers regarding construction machinery use and other procedures/operations;</li> <li>Ensure that materials are stored or stacked in such manner as to ensure their stability and prevent any fall or collapse;</li> <li>Well stocked first aid box which is easily available and accessible should be provided construction site; • Regular inspection and servicing of the equipment must be undertaken and records of such inspections maintained.</li> </ul>
Fire hazards and accidents	<ul style="list-style-type: none"> <li>Firefighting equipment such as fire extinguishers and hydrant systems should be provided at strategic locations;</li> <li>Signs such as "NO SMOKING" must be prominently displayed within the construction site;</li> <li>Regular inspection and servicing of the equipment must be undertaken and records of such inspections maintained;</li> </ul>

The full report of the proposed project is available for inspection during working hours at:

- Principal Secretary, Ministry of Environment and Natural Resources, NHIF Building, 12th Floor, Ragati Road, Upper Hill, P.O. BOX: 30126-00100, **NAIROBI**
- Director General, NEMA Popo Road, off Mombasa Road, P.O. BOX 67839-00200, **NAIROBI**
- County Director of Environment **BOMET COUNTY**

A copy of the EIA report can be downloaded at [www.nema.go.ke](http://www.nema.go.ke)  
NEMA invites members of the public to submit oral or written comments **within thirty (30) days** from the date of publication of this notice to the Director General, NEMA, to assist the Authority in the decision-making process for this project. Kindly quote ref. no. **NEMA/EIA/5/2/1602**.

Comments can also be c-mailed to [dgnema@nema.go.ke](mailto:dgnema@nema.go.ke)

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### AUGUST 2019 INTAKE ONGOING

Applications are invited from qualified candidates wishing to pursue the following programmes:

PROGRAMME	FEES
<b>Master of Education</b> Specialization: • Curriculum studies. • Education Technology. • Instructional Technology. • Educational Management Administration & Leadership. • Economics of Education • Educational Planning • Educational Psychology • Sociology of Education • Educational Guidance & Counseling	<b>Kshs. 45,000 per semester</b>
<b>Master of Education in Special Needs Education (MSE)</b> • Visual impairment • Hearing impairment • Autism Spectrum Disorder • Physical Handicap & Other Health impairment • Gifted and Talented • Specific Learning Disabilities • Inclusive Education • Emotional & Behavioral Disorders • Deaf and Blindness	<b>Kshs. 45,000 per semester</b>
<b>Master of Education (Early Childhood Studies)</b>	<b>Kshs. 45,000 per semester</b>
<b>Bachelor of Education (science)</b>	<b>Kshs.36,000 per semester</b>
<b>Bachelor of Education (Arts)</b>	<b>Kshs.33,000 per semester</b>
<b>Bachelor of Education in Primary Education</b>	<b>Kshs. 33,000 per semester</b>
<b>Bachelor of Education Early Childhood studies.</b>	<b>Kshs. 33,000 per semester</b>
<b>Bachelor of Education in Special Needs (Primary Education)</b>	<b>Kshs. 36,000 per semester</b>
<b>Bachelor of Education in Special Needs (Secondary Education)</b>	<b>Kshs. 36,000 per semester</b>
<b>Postgraduate Diploma in Education (PGDE)</b>	<b>Kshs. 32,000 per semester</b>
<b>Diploma in Special Needs Education</b>	<b>Kshs. 27,000 per semester</b>
<b>Diploma in Early Childhood Studies</b>	<b>Kshs. 24,000 per semester</b>
<b>Certificate in Early Childhood Studies</b>	<b>Kshs. 20,000 per trimester</b>
<b>Certificate in Enhancement (only one subject)</b>	<b>Kshs. 30,000 Per semester</b>
<b>Proficiency Certificate in ICT in Education</b>	<b>Kshs. 7,000 Duration 4 days</b>

#### MINIMUM ENTRY REQUIREMENTS:

- Masters Programme: At least a Bachelor degree with a minimum of second class Honors – Upper Division from a recognized University or equivalent recognized by Mount Kenya University Senate OR A Bachelors Degree with at least, Second class Honors lower division and a minimum of two years work experience.
- Post-Graduate Diploma programmes: At least a Bachelors degree from a recognized University or equivalent qualification recognized by Mount Kenya University Senate
- Bachelor Programmes: At least a KCSE mean grade C+ (plus) or its equivalent OR Diploma in a relevant field
- Diploma in Special needs Education and Early Childhood Studies: At least a KCSE mean grade C (plain)
- Certificate programmes: KCSE C- (minus) OR equivalent qualification

Kindly note that different courses require relevant cluster subjects qualification for admission. For more information visit [www.mku.ac.ke](http://www.mku.ac.ke)

#### NOTE:

- Statutory fees of Kshs. 12,000 is payable in the 1<sup>st</sup> semester/ Trimester of every calendar year. The University fees policy allows fees payment in flexible installments within the semester.
- Reporting Dates for new and continuing students for August 2019 face to face session – **Saturday 3<sup>rd</sup> and Sunday 4<sup>th</sup> August, 2019**
- Examination for continuing students – **5<sup>th</sup> – 10<sup>th</sup> August, 2019**
- Those who had applied for April 2019 and did not report can do so in August 2019. For more information contact Registrar Academic Administration through [admissions@mku.ac.ke](mailto:admissions@mku.ac.ke)

#### Applications:

Apply to the Registrar, Academic Administration enclosing copies of relevant academic / professional certificates. Application fee of Kshs. 1,000 for undergraduate and kshs.2,000 for post graduate to be deposited at either;

- Equity Bank - 0090292435067
- GT Bank - 2014200002
- Kenya Commercial Bank - 1121032222
- Family Bank - 005000019336
- Co-operative Bank – 01129279981300
- Lipa na Mpesa ( GT BANK) Paybill no.270988

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