



KENYA ELECTRICITY GENERATING COMPANY PLC

KGN-HYD-009-2025

RFx: 5000016525

**TENDER FOR DESIGN, MANUFACTURE, FACTORY TESTING, DELIVERY, SUPERVISION OF ASSEMBLY, SITE TESTING AND COMMISSIONING OF A 500 KVA, 11/0.415 KV, ONAN GENERATOR STEP-DOWN TRANSFORMER FOR KAMBURU POWER STATION**

**(CITIZEN CONTRACTORS)**

Date: 19<sup>th</sup> March, 2025

**Clarification No.1**

In accordance with the **TENDER FOR DESIGN, MANUFACTURE, FACTORY TESTING, DELIVERY, SUPERVISION OF ASSEMBLY, SITE TESTING AND COMMISSIONING OF A 500 KVA, 11/0.415 KV, ONAN GENERATOR STEP-DOWN TRANSFORMER FOR KAMBURU POWER STATION**, KenGen hereby issues **Clarification No.1**

<b>BIDDER'S CLARIFICATION</b>	<b>KENGEN RESPONSE</b>
1. What is the required No Load Loss.	<ul style="list-style-type: none"><li>• Maximum No load loss of 950W at rated voltage</li><li>• Tolerance according to IEC 60076</li></ul>
2. What is the On-Load Loss & Impedance at Principal Tap.	<ul style="list-style-type: none"><li>• Maximum Load losses of 9000W at rated power and minimum tap at 75°C</li><li>• Impedance at rated tap shall not exceed 4.5%</li><li>• Tolerance according to IEC 60076</li></ul>
3. Are EASUN and Huaming brand tap changers acceptable for this bid.	<ul style="list-style-type: none"><li>• Only MR Vacuum Tap changer type is allowed for this bid</li></ul>
4. We would like to seek clarification regarding the subject matter. The MR OLTC with a vacuum type does not appear to be suitable for this small transformer.	<ul style="list-style-type: none"><li>• Only MR Vacuum Tap changer type is allowed for this bid</li></ul>

<p>Would it be more appropriate to consider a standard MR OLTC without a vacuum and proceed with an offer accordingly?</p>	
<p>5. The Manufacturer is seeking a clarification on the following:<b>What's your requirement about loss and impedance?</b></p>	<ul style="list-style-type: none"> <li>• Maximum No load loss of 950W at rated voltage</li> <li>• Maximum Load losses of 9000W at rated power and minimum tap at 75°C</li> <li>• Impedance at rated tap shall not exceed 4.5%</li> <li>• Tolerance according to IEC 60076</li> </ul>

**BIDDER'S ACKNOWLEDGEMENT OF CLARIFICATION NO.1**

We, the undersigned hereby certify that the **Clarification** is an integral part of the document and the alterations set out in Addendum have been incorporated in our tender document.

Signed .....

Tenderer .....

Date .....