



**TENDER NO. KGN-SONDU-016-2016**  
**DATE: 23/01/2017**  
**KENYA ELECTRICITY GENERATING COMPANY**

**TENDER FOR SUPPLY OF 11kV INDOOR VOLTAGE AND CURRENT TRANSFORMER FOR SONDU MIRIU POWER STATION**

**CLARIFICATION No .3**

In accordance with the Tender for Supply of 11kV Indoor Voltage and Current Transformer for Sondu Miriu Power Station, KenGen hereby issues Clarification No.3

**RESPONSE TO REQUEST FOR CLARIFICATION**

	<b>CLARIFICATION</b>	<b>KenGen RESPONSE</b>
1.	As per tender document, for VTs, Service Altitude - 1200m a. s. l. & IL 17.5/38/95 kVp. & for CTs, Service Altitude – 1200m a.s.l. & IL 12/28/75 kVp. Kindly confirm the exact IL	<p>All those insulation level (IL) voltages stipulated in the tender document specifies the expected insulation levels under different conditions</p> <ol style="list-style-type: none"> <li>1) Insulation voltage: This is the Basic insulation level in r.m.s voltage for CT and VT as stipulated in IEC 60044-1 and IEC 60044-2 for CT and VT respectively</li> <li>2) Power frequency withstand voltage: This is the root mean square (r.m.s.) value of sinusoidal power frequency voltage that the equipment can withstand during tests made under specified conditions and for a specified time as stipulated in IEC 60044-1 and IEC 60044-2 for CT and VT respectively</li> <li>3) Lighting impulse withstand voltage: This is the insulation level (peak voltage) withstand under system disturbance as result of natural lightning. This is also specified in IEC 60044-1 and IEC 60044-2 for CT and VT respectively</li> </ol> <p>Therefore the IL is represented by all these parameters. All power and instrument transformers insulation level are specified by the three quantities or more</p>

**All other terms and conditions remain unchanged**

**ACKNOWLEDGEMENT OF CLARIFICATION NO. 3**

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

Signed.....

Tenderer.....