



# Kenya Power

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StimaPlaza, Kolobot Road*

Our Ref: KP1/9AA-3/PT/85/14-15/dn

11<sup>th</sup> June, 2015

M/s -----  
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**RE: ADDENDUM NO. 2 TO THE TENDER NO. KP1/9AA-3/PT/85/14-15  
FOR SUPPLY DISTRIBUTION TRANSFORMERS (YOUTH, WOMEN AND PWD)**

Please refer to the above Tender.

We make the following clarifications and amendments to the Principal Tender Document (*hereinafter abbreviated as the PTD*) for the Supply of Distribution Transformers dated 7<sup>th</sup> May, 2015.

**1. RELATIONSHIP WITH THE PRINCIPAL TENDER DOCUMENT**

Save where expressly amended by the terms of this Addendum, the PTD shall continue to be in full force and effect. The provisions of this Addendum shall be deemed to have been incorporated in and shall be read and construed as part of the PTD.

**2. CLARIFICATIONS HAVE BEEN SOUGHT AS FOLLOWS:**

No.	Clause reference	Question	Answers
<b>Specification document no. KP1/3CB/TSP/10/001-01</b>			
1	As per clause 4.9.3.: All bushings HV & LV shall be of two part bushing. The bottom portion shall be made with toughened epoxy insulator material and the top portion made of porcelain material, brown in colour and shall be mounted on the top cover of the transformer.	Can we prefer porcelain bushing for both top and bottom portion? Can we get present bushing arrangement being used with sketch?	No, the top portion above the tank shall be porcelain while the bottom part below the tank shall be toughened epoxy insulator material.
2	As per clause 4.11.1. the minimum thickness of top, bottom and side of the transformer shall be 3mm	For a 1ph small rating round transformer, can we prefer 2mm for side and 2.5mm for top & bottom?	No, the minimum thickness of top, bottom and side of the transformer shall be 3mm as per specifications.

<b>Specification document no. KP1/3CB/TSP/10/001-02 (pole mounted 3-ph distribution transformer)</b>			
3	As per clause 4.8.1.: The maximum sum of total loss of transformer shall not exceed the value indicated in table 2 and for clause 4.8.2.: The no load & load loss @ 75oC shall be within $\pm 10\%$ tolerance Of the value in table 3.	This means that 10% tolerance is allowed in individual losses and any lower side losses value will be acceptable. Is there any tolerance allowed in total losses (mentioned in table-2)	The sum of total losses given in the specification is the maximum values with no tolerance.
<b>Specification document no. KP1/3CB/TSP/10/001-03 (Ground mounted 3-ph distribution transformer)</b>			
4	As per clause 4.9.3.: All bushings HV & LV shall be of two part bushing. The bottom portion shall be made with toughened epoxy insulator material and the top portion made of porcelain material, brown in colour and shall be mounted on the top cover of the transformer.	Can we prefer porcelain bushing for both top and bottom portion?	No, the top portion above the tank shall be porcelain while the bottom part below the tank shall be toughened epoxy insulator material.
5	As per clause 4.9.2.1.(h): Each HV & LV cable box shall be at least 4 mm thick with minimum thickness of the cover plate and bushing plate of 5 mm & 6 mm respectively, all in mild steel.	Is it acceptable to KPLC if the HV & LV cable box shell (body) shall be at least 3mm instead of 4mm thick and the cover be 2 mm thick?	No, stick to the values given in the specification.
6	As per clause 4.9.2.1. (m): All internal surface of cable boxes shall be cleaned of all scale and rust by shot blasting or other approved method. The internal surfaces of the boxes and their covers shall, after cleaning, be given a primary coat and one coat of air drying anti-condensation paint.	Is it acceptable for KPLC if the internal surface of the boxes and their covers shall, after cleaning, be powder coated instead of air drying anti-condensation paint?	No, stick to the provision given in the specification.
<b>Clarifications with reference to addendum -1.</b>			
7	Point No. 3 of addendum -1: According to the answer of KPLC, "This is ok as long as it doesn't compromise other design parameters of the transformer"	This means we can proceed with 1.4 A/mm <sup>2</sup> for HV? Earlier it was 1 A/ mm <sup>2</sup> .	Yes, proceed.
8	Point No. 5 of the addendum-1: According to the answer of KPLC, "The HV and LV windings shall remain separately".	But there will be no chance to separate LV & HV windings without dismantling HV winding in wound core construction. Please advise.	The HV and LV windings shall remain separately regardless of the core technology used.
9	Point No.10 of addendum-1: According to the answer of KPLC, "Follow the specification for air clearance".	If we follow the given air clearance in the cable box, then box size & weight will be more than double. Mono block bushing cannot be used and high current porcelain bushing can be used but very expensive. Can we proceed with our normal design with mono block bushing with cable box sheet thickness	Stick to the specification provisions.

		3mm, front cover 2mm, bushing mounting plate 5mm.	
<b>Other questions</b>			
10	According to "Tender submission checklist – Non financial proposal": The tender document says that we need to provide a valid tax compliance certificate and PIN number.	Please advise if it would be sufficient if we produce the ITR acknowledgement copy for income tax and VAT return acknowledgement for VAT and same for service tax & excise and PAN number for PIN certificate.	Please provide the documents as required in the tender document.
11		Can we participate in the tender and will supply/ manufacture as per ANSI/IEEE standards but will state major deviation.	You can proceed provided the parameters of the specification are not compromised.

### 3. CLOSING DATE

4. The closing date has been changed from 11<sup>th</sup> June, 2015 to 2<sup>nd</sup> July, 2015 at 10.00am.

All other terms and conditions remain as per the Principal Tender Document (PTD).

Yours faithfully,

**FOR: THE KENYA POWER & LIGHTING COMPANY LIMITED**

  
**BERNARD K. NGUGI**  
**Ag. GENERAL MANAGER SUPPLY CHAIN**

