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The Kenya Power & Lighting Co. Ltd.  
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Stima Plaza, Kolobot Road

Our Ref: KP1/6A.1/PT/1/18/A69

22<sup>nd</sup> June 2018

Dear Sir/ Madam:

**AMENDMENT NO.3 TO IPC NO: KP1/6A.1/PT/1/18/A69 FOR PROCUREMENT OF DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF TRANSMISSION SUBSTATIONS AND LINES- (AFD) PROJECT DATED 10<sup>TH</sup> APRIL, 2018**

The following amendments are made to the specific provisions of the issued bidding document for Procurement of Design, Supply, Installation and Commissioning of Transmission Substations and Lines - (AFD) Project.

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

Save where expressly amended by the term of the addendum,

the Principal Bidding Document shall continue to be in full force and effect. The provision of this addendum shall be deemed to have been incorporated in and shall be read and construed as part of the Principal Bidding Document

**16.4.4 SECTION VII. TECHNICAL DATA VOLTAGE TRANSFORMERS**

The 132KV instrument Voltage transformer accuracy class, core and burden for the project (Lot 1 and Lot 2) have been amendment to read as follows;

Core	Terminal	Class	Burden
1	1a-1n	0.2	100VA
2	2a-2n	3P	100VA
3	da-dn	3p	100VA

**16.5.4 TECHNICAL DATA FOR 132KV CURRENT TRANSFORMERS**

The ratio, class and burden for LOT 1 Current transformer for have been amended as follows

Cores	Class	Ratio(Amp)	Burden
1	0.2	600/400/200/1/1/1	20VA,
2	5P20	600/400/200/1/1/1	20VA,
3	5P20	600/400/200/1/1/1	20VA,
4	x	800/6000/400/1/1/1	V <sub>k</sub> =350, I <sub>k</sub> ≤30mA
5	X	800/600/400/1/1/1	V <sub>k</sub> =350, I <sub>k</sub> ≤30mA

### 37.4.8.1 TECHNICAL DATA FOR 132KV CURRENT TRANSFORMERS

The ratio, class and burden for LOT 2 Current transformer for have been amended as follows,

All current transformers shall have bar primaries and shall be resin encapsulated and generally comply with IEC 60044. All current transformers shall have a maximum short-time current rating for three seconds.

Cores	Class	Ratio(Amp)	Burden
1	0.2	600/400/200/1/1/1	20VA,
2	0.5	600/400/200/1/1/1	20VA,
3	5P20	600/400/200/1/1/1	20VA,
4	5P20	2000/8000/1/1	20VA,
5	X	800/600/400/1/1	V <sub>k</sub> =350, I <sub>k</sub> ≤ 30mA

## 2. PARTICULAR TECHNICAL SPECIFICATION 33KV POST INSULATORS AND SURGE ARRESTORS

Following particular technical specification are attached as **Appendix No.1** of the **amendment no. 3**

- i. Particular technical specification 33KV post insulators for outdoor equipment.
- ii. Particulars technical specifications for 33kv Surge arrester for outdoor equipment.

Yours faithfully,

For: KENYA POWER & LIGHTING COMPANY LIMITED.



**DANIEL MUGA**  
**Ag. GENERAL MANAGER, SUPPLY CHAIN**