



# Kenya Power

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Our ref: KP1/6A-2/1/15/A39ABCD/MA/dpo

16<sup>th</sup> March, 2015

M/s

Dear Sir/Madam

**ADDENDUM (3) TO TENDER NO.KP1/6A-2/PT/1/15/A39ABCD DESIGN, SUPPLY, INSTALLATION OF ADDITIONAL TRANSFORMERS AT VARIOUS EXISTING SUBSTATIONS**

The following amendments are made to the specified provisions of the Tender documents for design, Supply and Installation of Additional Transformers at Existing Substations dated 29<sup>th</sup> January, 2015.

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

Save where expressly amended by the terms of this Addendum, the Principal Tender Document 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 as part of the Principal Tender Document.

**2. RESPONSES TO QUERIES ARE AS FOLLOWS:**

No	Question	Response
1.	Regarding the adaptation panel, please provide the following <ul style="list-style-type: none"><li>• Shop drawing/ technical specification for the new panels to be provided by KPLC.</li><li>• Shop drawing of the existing panel for contract A39A</li></ul>	The typical drawing for the new panels is provided as attached.  The drawings for the existing panels at Diani, syokimau, Kabete, Gigiri and Miritini substations have been provided as attached. More detailed drawings shall be provided during execution of works.
2.	Regarding the SAS, provide the following: <ul style="list-style-type: none"><li>• Single line diagram for the existing installed base and the proposed extension.</li><li>• Architecture for the existing installed substation automation.</li></ul>	The details will be provided during the execution of works.
3.	Please assist me with the details of the existing batteries and chargers in Diani and Miritini.	Not required. To be provided during execution

5.	Battery type either Lead acid or Ni-Cadmium.	Ni-Cadmium
6.	Battery technology (Sealed maintenance free battery or vented (flooded) type battery).	Vented type battery
7.	Does Kplc have a load profile (load details and back up time)? If so please provide.	All batteries are 200Ah minimum capacity
8.	For 48 V systems it is given 100A/10Ah, please confirm whether it is 100 Ah or other.	100Ah is the minimum capacity.
9.	Confirm data engineering at NCC and RCC will be done by Kplc at their own cost. Our commissioning engineer is at our end	Yes. Data engineering will be done by KPLC but the contractor shall provide signals and facilitate testing of the system
10.	Confirm e.g. at Cianda and Gigiri that HMI is not to be provided. Note There in non-existing	Cianda: The bidder shall provide a full SAS solution Gigiri: the bidder shall provide a SAS that will integrate with the existing system
11.	Confirm that the relays on the 11kv panels are bay control and protection units (bcpu) and they have iec 61850.	Confirmed.
12.	Confirm the communication protocol for Cianda, steel billets and Gigiri to Ncc/Rcc	61850
13.	At steel billets confirm SAS to be provided is to have one gate way c/w 2 HMI (operator, engineering), emergency HMI	Refer to the specifications provided.
14.	KPLC 11kV switchgear <ul style="list-style-type: none"> <li>• Busbar height dimensions</li> <li>• Busbar size</li> </ul>	Refer to the drawings provided.
15.	66/11kv 23mva transformer <ul style="list-style-type: none"> <li>• Dimensions of the base of the transformer</li> </ul>	Use a normal standard for the transformer. The details of the particular unit to be used shall be provided during execution.
16.	Site Visit on request for alternate sites	Conducted for Contracts A39B1 and A39B2 (attached visit attendance) based on the received requests as per Addendum 2.

### 3. DEADLINE FOR SUBMISSION OF TENDER

The closing date for the tender remains as initially extended to **24<sup>th</sup> March, 2015** as per **Addendum 2**. The time for submission and opening remains the same as indicated in the Tender document.

All the other terms and conditions remain as per the tender document.

Yours faithfully,

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



**ENG. MICHAEL ADHIAMBO**  
**DEPUTY MANAGER, TURNKEY PROJECTS**