



# Kenya Power

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Our Ref: KP1/9AA-2/PT/ITT/04/14/ed

16<sup>th</sup> May, 2014

M/s .....

**RE: ADDENDUM NO. 1 TO THE TENDER FOR SUPPLY AND INSTALLATION OF APPLICATION LOAD BALANCING SOLUTION, TENDER NO. KP1/9AA-2/PT/ITT/04/14**

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 April 2014.

**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:**

**Table of Questions and Answers**

No.	Question	Response
1	<b>SECTION III – Instruction to tenderers</b> <b>Subsection 3.02 - Eligible Tenderers</b> In section 3.2.1 the bid document limits the manufacturer to quote directly of authorized one agent only. This seems to be a mistake as it limits competition and prevents normal competitive bidding.	All interested Tenderers are eligible to bid. Please refer to the Bid Data Sheet item 1 on page 35 of the Principal Tender Document.
2	<b>SECTION III – Instruction to tenderers</b> <b>Subsection 3.09 - One Tender per Tenderer</b> Section 3.9.2 limits a bidder from participating in the tender as a direct bidder while also proposing subcontracting for other bidder. This seems to be a mistake as it limits competition and prevents normal competitive bidding	This means a Tenderer bidding for this tender is restricted from being a subcontractor to another interested Tenderer bidding for the same. It does not restrict an interested Tenderer from proposing a subcontractor.

No.	Question	Response
3	<p><b>SECTION III – Instruction to tenderers</b>  <b>Subsection 3.20.2 - The documentary evidence of the Tenderer’s qualifications to perform the contract if its Tender is accepted shall be established to KPLC’s satisfaction.</b></p> <p>Section 3.20.2(e.ii) requires employment records and contract for key personnel. Employment records and employees contracts are confidential company information that cannot be submitted as part of tender response. Please cancel this requirement.</p>	<p>The documentary evidence required are as per item 5 of the Bid Data Sheet on page 35 of the Principal Tender Document. These are listed below;</p> <ol style="list-style-type: none"> <li>1. <i>Previous experience: Details of similar projects undertaken successfully within the last 3 years and evidenced by letters of reference from clients, completion certificates for the respective projects.</i></li> <li>2. <i>Key Personnel: Provide documents showing qualifications and experience of key technical personnel who will carry out the installation.</i></li> </ol>
4.	<p><b>SECTION X - TECHNICAL SPECIFICATIONS</b></p> <p>The tender document specifies that the proposed LBS will have a minimum bandwidth of 10MB. Please clarify this, as the common minimum bandwidth used today is 5GB!</p> <p>Which software ability for bandwidth upgrade.</p>	<p>Please see amendment below.</p> <p>KPLC cannot specify any software at this stage. Tenderers to propose a complete solution; hardware and software.</p>
5.	<p><b>SECTION X - TECHNICAL SPECIFICATIONS</b></p> <p>The tender document specifies that the proposed LBS will have a minimum of 500 sessions per second. Please clarify if these sessions relate to SSL sessions.</p>	<p>Yes. The 500 sessions per second are SSL sessions.</p>
6	<p><b>SECTION X - TECHNICAL SPECIFICATIONS</b></p> <p>The tender document specifies that the proposed LBS will have full redundancy on the DC side yet it only specifies one unit at DR site. This prevents redundancy and high availability of the proposed system. Please clarify if we should offer two units for the DR site for redundancy</p>	<p>For the design envisioned, only three appliances are required. The design is to have all the three appliances (2 at PR and 1 at DR) form a cluster for all requests to the application.</p> <p>However, Tenderers are free to propose solutions that they know meets overall requirement and include a statement of deviations on the same. See clause 3.16(g) on page 17.</p>
7	<p><b>SECTION X - TECHNICAL SPECIFICATIONS</b></p> <p>Today’s load balancing systems are extended to support load balancing in a virtual environment. Your document is silent about this. Please clarify if the device should support virtualized ADCs? If so please indicate how many?</p>	<p>The applications to be load balanced are not in a virtualized environment currently. Tenderers can propose solutions that can also be used in virtual environments. However this is not a mandatory requirement.</p>

No.	Question	Response
8	<b>SECTION X - TECHNICAL SPECIFICATIONS</b> The tender document is silent regarding required capacity of fiber ports. Please clarify how many 1GB & 10GB ports are required	Minimum requirements on network interfaces <ol style="list-style-type: none"> <li>1. Four (4) 100/1000 Mbps Ethernet</li> <li>2. One management interface</li> <li>3. 1Gbps Fiber optic ports are optional (850nm multimode with LC SFP interfaces).</li> </ol>
9	<b>SECTION VI (b) – BILL OF QUANTITIES</b> Section VI.6, on page 39, specifies a requirement for professional training. Please clarify if this should be a local training, by a product technician, or a manufacturer certified training given by certified trainer	The required professional training refers to the approved Manufacturer training to facilitate management and support of equipment offered. This is to be conducted by a certified trainer and preferably done locally.

### 3. AMMENDMENT TO SECTION X TECHNICAL SPECIFICATIONS

Item (1) Minimum Processing Throughput in the table of Guaranteed Technical Particulars is amended follows:

Feature	Guaranteed Technical Specifications	Bidder's offer
Minimum Processing throughput	1 Tbps or higher backplane processing speed	
	2 CPU processors each at 700Mhz speed or higher	
	1 Gbps interface throughput	
	16 GB internal Memory	
	Open 500 TCP/UDP (sessions) per second	

Consequently, the technical evaluation criteria Part II (c) item 1 change to read as follows:

*“Confirmation of actual backplane processing speed (1 Tbps or higher)”*

### 4. CLOSING DATE

The closing date remains 23<sup>rd</sup> May, 2014 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**

for:   
Eng. JOHN OMBUI

**CHIEF MANAGER SUPPLY CHAIN AND LOGISTICS**