



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

Our Ref: KP1/9A.2/OT/31/ICT/18-19/rmh

27.02.2019

M/s

Dear Sir/Madam,

**ADDENDUM NO. I TO THE TENDER NO. KP1/9A.2/OT/31/ICT/18-19 FOR
PROCUREMENT OF ENTERPRISE CYBER SECURITY SOLUTION**

The following clarifications are made to the specified provisions of the Tender document.

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. CLARIFICATIONS

The following responses are made to clarification sought on various issues in the tender document and shall be deemed to form the addendum;

Item	Questions	KPLC response
1.	What is the work of load balancer and where is it situated?	The load balancer is used primarily for two purposes in KPLC environment. Load balance will be installed at the DR and PR sites. i) To allow user from the Intranet and or Internet to connect to the active

		<p>server environment, that is a server that is either at DR and or PR sites.</p> <p>ii) It is used to point to a cluster of active server where an application is availability from more than one server say an array of servers providing similar services to the user.</p>
2.	Where are the access points situated and do they require cabling.	<p>In this project the access points will be situated at the same locations as the ones being phased out, unless there is changed in design of the WIFI coverages.</p> <p>So KPLC expects minimum wiring for the new access points as the new ones are being stalled at the same locations as current ones.</p>
3.	In the tender NCA certificate is required, why?	Some the installation works especially those of mounting the access points and LAN cabling works may require drilling and some civil works, in this case the law requires that the civil works be done by NCS registered firm.
4.	Do you want to integrate into existing VPN, or do you want to secure it or replace it?	The current VPN set-up at KPLC is offered by the Cisco firewalls; since these firewalls are part of what is being replaced by the new installation then the new devices must provide a VPN solution.
5.	Can we a bidder use reference letters in lieu of completion certificates?	KPLC will accept a completion certificate and or a reference letter that is duly signed by the firm that has been supplied goods or services or both by the bidder. A due diligence will follow as part of the evaluation.
6.	What kind of End point Protection are we looking at?	The majority of Endpoint are Windows PCs and laptops amounting to approx. 3000 units to be covered in this tender. However, KPLC has a host of Linux clients, Unix workstations, Mac books, Apple iPads, Android Tablets, Android Phones running various standard and customise applications.

		A number of Windows servers will require anti-malware /antivirus protection too.
7.	Do you expect your network user to some applications via external Internet and internal Intranet as well?	Yes user will access servers via internal LAN/WAN network and also from external internet via the internet facing firewalls.
8.	Do you want cloud based solution or on-site appliances and servers?	The solution in this tender is an on-site installation where the hardware appliances or servers are supplied by the bidder. Where a bridge server such as Windows bridge server, KPLC will provide a Virtual Machine environment for such installation.
9.	What is the capacity of the Firewall throughout?	The tender under table 2.9, page 107-108, subsection 1.2 of the same table the capacity in Gbps and wire speeds in GBits/s as well as disk storage are specified.
10.	Will there be extension and will there be possibility of a bidder presenting a partial solution for equipment specified on some of the tables and not others?	So far there is not a strong call for tender extension, however if the need arises KPLC will alert all bidders As with partial solution, this will not be acceptable as KPLC wishes to overhaul its total cyber security platforms.
11.	We would like to request for extension due to complexity of the solution.	So far there is not a strong call for tender extension, however if the need arises KPLC will alert all bidders.
12.	Are you biased toward a manufacturer of a certain country?	No, all manufacturers of any country are allowed as long as they satisfy the tender requirements.
13.	Are you going to accept interoperability between different modules of this tender? What about more than one	Yes, all components supplied must be able to integrate with existing KPLC LAN/WAN and Server environment and also have smooth integration between various elements to be supplied in this tender, whether from one or a few manufacturers. For example, VPN will

	manufacturers who have interoperable devices and software components?	<p>require existing Domain services Microsoft AD and NAC before a user is allowed to access any network resources.</p> <p>However, the interoperability must be well outlined in the solution, have certificate of such from vendors and must not have any security lapses.</p>
14	Is SIEM required?	KPLC requires real-time logging and analysis of security alerts generated by applications and network devices by a SIEM compliant devices or software. KPLC has an existing NOC based on SolarWinds and Solarwinds is a SIEM complaint reporting tool.
15	Please provide the functional requirements for the SIEM solution as indicated in the Schedule of requirements on page 40?	The logging and management devices used to be provided in this tender are as per tables 2.6 and 2.7 ; see also response to question 14.
16	Please specify the end point devices that will be covered by the end point protection solution	Same answer as question 6
17	For the centralised logging and reporting, it is indicated logging and reporting will be 400 GB per day, the period for log retention is not specified, please clarify how Kenya Power and Lightning Company intends to store data, on the device storage or externally, and would this need to be provided as part of the bid or it is already in place as part of your storage solution?	<p>In the same table it is stated:</p> <p>“Must support at least 16 TB of storage capacity configurable in at least RAID 5/10 levels”</p> <p>This means the daily logs will accumulate until the 16TB of storage is almost consumed. However, KPLC has a backup policy to an off-site storage that ensures the server storage is not all consumed.</p>
18	Please let us know if there an existing wireless solution and whether the required solution will work with the existing solution or separate	<p>Yes, KPLC has Cisco based WLAN & WLAN Controllers.</p> <p>For HQ and DR locations the new WLAN will be deployed. For other locations the the LANS AND WLANS will be integrated to the</p>

		Cyber security solutions via the HQ Data Centre Security devices.
19	Please provide the application to be protected by WAF, type and quantify traffic, users?	The Company currently uses Sophos, Microsoft Proxy/ISA and McAfee for web applications filtering and control. Internal users browse the www, send and receive Ms Exchange emails, do http download of files, do FTP and limited live streaming, limited Facebook, limited Twitter among others.
20	Please clarify type of remote access to be provided to users, would that be on corporate network, on company devices or also via Internet via employee own devices?	<p>KPLC has remote users from many internal LAN/WAN infrastructures that has only two internet POPS (HQ & DR).</p> <p>KPLC also has user that connect to HQ & DR via VPN servers access the same services as internal LAN/WAN users.</p> <p>The Company policy is that the employees can buy Laptops and Tablets or Smartphones for company work. These are then installed with limited versions of some of the company applications such as Outlook Web Access and Citrix Client for remote access via VPN.</p>
21	Does the Email solution need to have encryption of messages?	The tender document in table 2.2 says the solution must support “Identity-Based Encryption in both push and pull methods with no additional hardware or software to install and no user provisioning, with no additional licenses”
22	Please let us know if CISCO VPN is already in place and whether that could be used as part of NAC solution.	The response to this is No. Why? The firewalls that run VPN are part of the hardware to be replaced, in this tender.
23	Where it is not possible to provide a homogeneous solution from a single vendor, we appreciate your guidance on how interoperability of solutions from different vendors will	See response to question 13

	be assessed. That is, what is required of us as evidence to proof interoperability in case of multi-vendor solution	
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The tender closing date and time shall remain the same.

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

Yours faithfully,

For: **THE KENYA POWER & LIGHTING CO. LTD.**


BERNARD NGUGI
GENERAL MANAGER, SUPPLY CHAIN