Our Ref: KP1/9A.2/OT/031/ICT/23-24/JN/rmh   **7th December, 2023**

ALL PROSPECTIVE BIDDERS,

Dear Sir/Madam,

ADDENDUM NO. 1 TO THE TENDER NO. KP1/9A.2/OT/031/ICT/23-24 FOR UPGRADE OF DATA CENTRE INFRASTRURE MANAGEMENT SYSTEM – TENDER NO:KP1/9A.2/OT/031/ICT/23-24

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 clarifications are made to the tender document:

I.   The quantity of laptop on the price schedule and requirement have been changed from **two (2)** to **four (4)** and therefore bidders are required to quote for **4 pieces**.
II. The specifications for the Smart TV is revised and attached as **appendix i.**

3. TENDER SECURITY

The validity of tender security shall be considered from the initial tender closing date of **7th December, 2023.**

4. CLOSING DATE

The Tender closing date is extended from **7th December, 2023** to **14th December, 2023** at 10.00 am.

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

Yours faithfully,
For: **THE KENYA POWER & LIGHTING COMPANY PLC**

DR. JOHN NGENO
GENERAL MANAGER, SUPPLY CHAIN AND LOGISTICS

Appendix i: Specification for Smart TV

No.	Category	KPLC Minimum Requirement (Specification Requirement)	Bidder's offer
1	General Requirements	The screen size should be 75 touch screen with 4K 60 resolution as a minimum requirement.	
		The proposed equipment must be a recognized video conference solution with Integrated Camera, display, microphone, speakers and whiteboard.	
		The system configuration should have 8 core CPU, 8 GB RAM, 64GB Flash as a minimum requirement.	
		Floor stand (with roller) and Wall mount Bracket to be provided.	
		One remote control should be provided and two stylus pens should be provided.	
		One Type C Projection Dongle and One Type USB Projection Dongle should be provided.	
		Supports BYOM (Bring Your Own Meeting) feature.	
		Supports Zoom, Teams, Huawei Cloud Meeting, Webex	
2	Touch Screen Requirements	The screen should support automatically adjusting the brightness based on ambient light.	
		The screen should support Optical anti-blue light. A copy of the corresponding authentication certificate should be provided.	
3	Camera Requirements	The screen should support a built-in camera of 4K30 resolution or better.	
		The camera should support automatically adjusting field of view based on the location of the participants.	
		The camera should support automatic tracking of speakers in a meeting.	
4	Microphone Requirements	The screen should support at least 6 built-in microphone arrays	
		The screen should support a sound pickup radius of at least 12 meters.	

		The screen/equipment should support acoustic echo cancellation (AEC), automatic gain control (AGC), and automatic noise suppression (ANS).	
5	Speaker Requirements	The screen should support built-in speakers with frequency response range:100Hz-20KHz, total power not less than 40 W	
6	Interface requirements	Audio In: 1 x 3.5mm Audio Out: 1 x 3.5mm	
		1 x Omni-directional microphone port	
		3 x USB Type-A 3.0	
		1 x USB Type-C,	
		1 x 10/100/1000M RJ45 port	
		1 x COM port (RJ45)	
		1 x OPS slot for PC module.	
		Wi-Fi 2.4 GHz and 5 GHz with dual band	
6	OPS Module Requirements	The OPS module should support windows 10 Enterprise OS	
7	External Speakerphone	Omnidirectional 8-microphone arrays with a sound pickup distance of at least 4 meters.	
		Two microphones can be cascaded.	
		100Hz to 20 kHz full-frequency audio pickup,	
		Should support Noise reduction technologies, provide technology used for this.	
8	Whiteboard Requirements	The writing latency should be not more than 16ms.	
		The built-in whiteboard should support handwriting, drawing, erasing, marking, saving, zooming, and locking the whiteboard with different background colors	
		The screen should support Full-screen annotation.	
		The screen should allow saving of the content of the whiteboard locally or in an external USB flash memory, or sending to an email address, scanned with QR code,	

Appendix i: Specification for Smart TV

9	Projection Requirements	Screen should support Wired projection through HDMI cable with projection resolution of upto 1080p 60 fps and 4K 30fps and USB Type-C with projection resolution of upto 1080p 60 fps and 4K 30fps,	
		Screen should support Wireless projection by entering a projection code on the mobile device or laptop or PC with projection resolution of upto 1080p 60 fps and 4K 15fps.	
		Screen should support Wi-Fi Direct projection by default.	
		DLNA projection, during projection, user can use mobile phone to perform other tasks.	