KENYA INSTITUTE OF CURRICULUM DEVELOPMENT
Nurturing Every Learner's Potential

ADDENDUM NO. 1   **23RD MAY,2025**

TENDER FOR SUPPLY, DELIVERY,INSTALLATION OF BROADCAST SYSTEM UPGRADE (TENDER NO: KICD/ADM/025/2024-2025)

Kenya Institute of Curriculum Development is a State Corporation established by KICD Act. No. 4 of 2013 with an aim of developing curricular and curriculum support materials for all levels of education below the University.

The purpose of this addendum is to bring the following clarifications to the attention of all bidders:

1. **SECTION V: A2 – SCHEDULE OF REQUIREMENTS**

The specifications outlined under schedule of requirements on page 86 & 87 of the original tender document to be replaced by the specifications outlined below:

Technical Specifications/Scope of service

NO.	Category	Parameter	Technical Details
1.	HDMI Extender	Resolution Support	4096x2160@60Hz (4:4:4 chroma), 3840x2160@60Hz (HDR10, HLG)
		Transmission Distance	100 meters via Cat6/6a/7 (HDBaseT 3.0 compliant)
		Bandwidth	18Gbps (HDMI 2.0b, HDCP 2.2)
		Audio Support	LPCM 7.1, Dolby Atmos, DTS:X, 24-bit/192kHz
		Control	Bi-directional IR (38 kHz carrier), RS-232, EDID persistence
		Power Supply	5V DC external adapter (included)
		Environmental	Operating Temp: 0°C to 40°C (32°F to 104°F)
2.	AV Converter	Input	1x HDMI 2.0 (4K@60Hz 4:4:4, YUV/RGB)

		Output	2x 12G-SDI (SMPTE 2082 compliant, auto-detects SD/HD/3G/6G/12G-SDI)
		Conversion	Up/Down/Cross-conversion (e.g., 1080i ↔ 2160p), frame sync
		Audio	16-channel PCM embedding, AES/EBU, Dolby E pass-through
		Compliance	SMPTE 259M (SD), 292M (HD), 424M (3G), 2082 (12G)
		Control	Front-panel switches or USB software interface
		Power	12V DC supply (4.44W consumption)
		Environmental	Operating Temp: 0°C to 40°C (32°F to 104°F)
3.	Professional Display	Panel Technology	Quantum Dot with Full Array Local Dimming (120 zones)
		Resolution	3840x2160 (4K UHD) true colour
		Refresh Rate	Native 120Hz, AI Motion Pro (240Hz simulated)
		HDR	Dolby Vision IQ, HDR10 Pro, HLG
		Ports	4x HDMI 2.1 (48Gbps, VRR/ALLM), 1x eARC, USB 3.0
		Audio	40W 2.2ch, Dolby Atmos, AI Sound Calibration
4.	Desktop Client Servers	Processor	4-core/4-thread CPU (2.7GHz base, 3.7GHz boost)
		Memory	8GB DDR4-3200 (soldered, non-expandable)
		Storage	256GB PCIe NVMe SSD (M.2 2280 form factor)
		Display	24" IPS FHD (1920x1080, 250 nits, 45% NTSC, anti-glare coating)
		GPU	Integrated GPU (2GB shared memory)
		OS	Windows 11 Pro 64-bit (preinstalled)
		I/O	2x USB-C 3.2, 2x USB-A 3.2, HDMI 1.4, RJ-45 Gigabit

5.	Channel Branding and live graphics	CPU	8-core/16-thread processor (3.6GHz base, 5.0GHz turbo) 1U height
		RAM	16GB DDR4 ECC (expandable to 64GB)
		Storage	500GB NVMe M.2 SSD (PCIe Gen3 x4)
		GPU	Professional-grade GPU (4GB GDDR6, 384 CUDA cores)
		Capture Card	12G-SDI/HDMI I/O (4x SDI inputs/outputs, SMPTE 2082 compliant)
6.	Remote Services	Service Term	1-year 24/7 assistance 2-year updates per license for 2 CG/Logo generator, 1 playout, 2 automations, 1 video ingest, 1 logger, 1 social media hub
		Tools	TeamViewer, Any Desk, SSH
		Requirements	50 Mbps internet, static IP preferred
7.	Software Licenses	License Security	FIDO2 U2F-compliant USB dongle (new hardware-locked key where required)
		Features	Must be based on currently installed software
		Updates to current versions	Software applicable to 1 playout, 2 automations, 1 logo generator, 1 video ingest, 1 logger, 1 character generator, 1 social media hub
		Upgrades/Conversions	Software applicable to 1 logger, 1 logo generator, 1 character generator
8.	Installation and configurations to local hardware and necessary repairs		
9.	Remote technical services		

2. **MANDATORY REQUIREMENT ON SITE VISIT/ PRE-BID CONFERENCE**

Prospective bidders are required to attend a site visit and pre-bid conference to be held at the Institute (KICD) on Monday,2nd June 2025 from 11.00 am to 12.00 p.m to familiarize with existing configuration and hardware. A site visit certificate will be issued by KICD as proof that the bidder attended the pre-bid conference. Tenderers Must submit the signed and stamped site visit certificate issued by KICD .

3. **CHANGE OF CLOSING TIME AND DATE**

NO.	DETAILS	CLARIFICATION
1.	Closing date and time	Completed tenders must be delivered to KICD on or before 11.00 a.m., Wednesday, 4th June, 2025.