REPUBLIC OF KENYA
MINISTRY OF INFORMATION, COMMUNICATION AND THE DIGITAL ECONOMY
STATE DEPARTMENT FOR ICT AND DIGITAL ECONOMY

To: ALL PROSPECTIVE BIDDERS.

Dear sir/Madam

ADDENDUM NO. 002 - FRAMEWORK CONTRACT ON SUPPLY AND DELIVERY OF ICT EQUIPMENTS

The following provision is made to the specific provision of the issued bidding document for framework contract on supply and delivery of ICT equipment's.

Save where expressly amended by the term of this addendum, the Principal Bidding Document shall continue to be in Full force and effect. The provision of this addendum shall be deemed to have been incorporated in and shall be read and construed as part of the principal Bidding document.

SECTION II - TENDER DATA SHEET (TDS)

The provisions herein have been amended to read as follows;

No	Type	Clarification	Comment	Response
1.	*MICDE/SDICT&DE/OT/FC/004/2023-2024*	LAPTOP COMPUTER TYPE 1,	specifications all have a requirement for Storage acceleration 32 GB. This is only possible with Intel Optane Technology that has been discontinued by Intel as per the below from Intel. Please advise if this will still be considered a Mandatory requirement;	**This requirement ceases to apply, refer to updated specifications**
2.	*MICDE/SDICT&DE/OT/FC/007/2023-2024*	LAPTOP COMPUTER TYPE 4	specifications all have a requirement for Storage acceleration 32 GB. This is only possible with Intel Optane Technology	**This requirement ceases to apply, refer to updated specifications**

			that has been discontinued by Intel as per the below from Intel. Please advise if this will still be considered a Mandatory requirement;	
3.	*MICDE/SDICT&DE/OT/FC/ 011/2023-2024*	LAPTOP COMPUTER TYPE 8	NO longer offering DVDRW on AIO, confirm if DVDRW is mandatory;	**This item to be supplied as an external DVD +/- RW, refer to the updated specifications**
4.	*MICDE/SDICT&DE/OT/FC/ 013/2023-2024-*	LAPTOP COMPUTER TYPE 10	NO OPTANE Memory, Confirm if EOL Technology can work;	**This requirement ceases to apply, refer to updated specifications**
5.	*MICDE/SDICT&DE/OT/FC/ 018/20232024*	LAPTOP COMPUTER TYPE 15	32GB Optane is it mandatory, Confirm if EOL Technology can work;	**This requirement ceases to apply, refer to updated specifications**
6.	*MICDE/SDICT&DE/OT/FC/ 046/2023- 2024*	DESKTOP COMPUTER TYPE 8	Please clarify if DVDRW is mandatory. Manufacturers are no longer offering DVDRW in AIO Desktops. Would you be willing consider external DVDRW option?	**This item to be supplied as an external DVD +/- RW, refer to the updated specifications ;**
7.	*MICDE/SDICT&DE/OT/FC/ 047/2023- 2024*	DESKTOP COMPUTER TYPE 9	Please clarify if DVDRW is mandatory. Manufacturers are no longer offering DVDRW in AIO Desktops. Would you be willing to consider external DVDRW option?	**This item to be supplied as an external DVD +/- RW, refer to the updated specifications**

8.	*MICDE/SDICT&DE/OT/FC/ 048/2023- 2024*	DESKTOP COMPUTER TYPE 10	32GB Optane is EOL (End of Life) Technology please clarify if this requirement is mandatory	**This requirement ceases to apply, refer to updated specifications**
9.	*MICDE/SDICT&DE/OT/FC/ 051/2023-2024*	DESKTOP COMPUTER TYPE 13	32GB Optane is EOL (End of Life) Technology please clarify if this requirement is mandatory	**This requirement ceases to apply, refer to updated specifications**
10.	***Tender Closing Date (all tenders)***	Tuesday 20th February,2024, 10.00 am East African Time.	We request for tender submission extension to help sort out issues that need clarification with manufacturers.	**Tender closing date extended to 27th February, 2024 at 10.00am**

Yours faithfully

HEAD OF SUPPLY CHAIN
FOR PRINCIPAL SECRETARY

SECTION IV: RECOMMENDED MINIMUM SPECIFICATIONS REQUIREMENT

LAPTOP COMPUTER - TYPE 1			
ITEM	**MINIMUM REQUIREMENTS**	**COMPLIANCE (Yes/No)**	**REFERENCE INFORMATION TO SUPPORT COMPLIANCE (Highlighted in the**
Processor & Core Logic	11th Generation Intel® Core™ i7, 12 MB L3 cache		
System Memory	16 GB DDR4 SDRAM (16 GB) 2 SODIMM		
Storage	512 GB Intel® SSD		
Keyboard and Pointing	Full size Spill-resistant Backlit Keyboard; click pad with multi-touch		
Graphics	Intel® UHD Graphics		
Audio	Stereo audio system, microphone		
Integrated fingerprint reader	Yes		
WEBCAM	HD IR camera		
Wireless Technology	Intel Wi-Fi 6 and Bluetooth® 5 Combo		
Display	13.3" IPS WLED-backlit touch screen		
I/O interface ports	2 * USB 3.1 Type-C® with Thunderbolt™ support; 2 * USB 3.1 Gen 1; 1 * headphone/microphone combo; 1 * HDMI; 1 * AC power;		
Operating System	Genuine Windows® 11 Professional 64-bit, (with licensed CD or back up		
Software	MS Office 2019 professional perpetual		
Accessories	Standard laptop bag (back pack); USB Optical Mouse; USB-C to HDMI/VGA/Ethernet/USB3.0		
Power	53 Whr Li-ion; 1 AC Power		
Warranty	One (1) Year		
Original detailed and highlighted Brochures MUST be submitted			

LAPTOP COMPUTER - TYPE 4			
ITEM	**MINIMUM REQUIREMENTS**	**COMPLIANCE (Yes/No)**	**REFERENCE INFORMATION TO SUPPORT COMPLIANCE**
Processor & Core Logic	Intel® Core™ i7 (12 MB L3 cache)		
Graphics	Intel® UHD Graphics		
System	16 GB DDR4 SDRAM		
Storage	1 TB Intel® SSD		
Keyboard and Pointing Device	Full-size backlit keyboard with numeric keypad; Image pad with		
Audio	Stereo audio system combo microphone in/audio out		
	Yes		
WEBCAM	HD IR camera		
Wireless Technology	Intel® Wi-Fi® 6 (2x2) and Bluetooth® 5 Combo		
Display	15.6" diagonal UHD, touch display		
I/O interface ports	2 * USB Type-C; 1 * USB Type-A; 1 * HDMI 2.0; 1 * RJ45 1 * headphone/microphone combo;		
Operating System	Genuine Windows® 11 Professional 64-bit, licensed (with back up CDs)		
Software	MS Office 2019 professional or later version, perpetual		
Accessories	Standard laptop bag (back pack), USB Optical Mouse		
Power	72.9 Whr Li-ion Battery; 1 AC		
Warranty	One (1) Year		
Original detailed and			

LAPTOP COMPUTER - TYPE 8			
ITEM	**MINIMUM REQUIREMENTS**	**COMPLIANCE (Yes/No)**	**REFERENCE INFORMATION TO SUPPORT COMPLIANCE**
Processor & Core Logic	11th Generation Intel® Core™ i7		
System Memory	32GB DDR4 Memory Onboard		
Memory Slots	2 SODIMM		
Storage Subsystem	1TB PCIe SSD, Onboard		
Keyboard and Pointing Device	English Backlit Keyboard;		
Graphics	Intel® Iris Plus Graphics		
Audio	Stereo audio system, microphone		
Integrated	Yes		
WEBCAM	Integrated HD camera		
Wireless Technology	Wi-Fi 6 (2 x 2) and Bluetooth 5.0		
Display	13.3-inch WLED, Non-Touch		
I/O interface ports	2 * Thunderbolt; 1 * USB 3.1 Gen 1 Type C port 1 * microSD-card reader 1 * Universal audio jack		
Operating System	Genuine Windows® 11 Professional 64-bit, licensed (with		
Software	MS Office 2019 professional or later version, perpetual license with CDs		
Accessories	Standard laptop bag (back pack), USB Optical Mouse, USB-C to		
Power subsystem	51 Whr, Integrated battery; 1 AC Power Supply		
Warranty	One (1) Year		
Original detailed and highlighted			

LAPTOP COMPUTER - TYPE 10			
ITEM	**MINIMUM REQUIREMENTS**	**COMPLIANCE (Yes/No)**	**REFERENCE INFORMATION TO SUPPORT COMPLIANCE (Highlighted in**
Processor & Core Logic	12th Generation Intel® Core™ i7 Processor		
System Memory	12GB, DDR4, Onboard		
Storage Subsystem	512GB M.2 PCIe SSD, Onboard		
Keyboard and Pointing Device	English Backlit Keyboard;		
Graphics	Intel® Iris Plus Graphics		
Audio	Stereo audio system, integrated		
Integrated	Yes		
WEBCAM	Integrated HD camera		
Wireless Technology	Intel® Wi-Fi 6 (2x2) Wi-Fi + Bluetooth 5.0		
Display	14.0-inch IPS LED-Backlit		
I/O interface ports	1 * SD Card Reader; 2 * USB 3.2 Gen 1; 1 * Headphone/Microphone Combo; 1 * Power jack; 1 * HDMI; 1 * RJ45		
Operating System	Genuine Windows® 11 Professional 64-bit licensed		
Software	MS Office 2019 professional or later		
Accessories	Standard laptop bag (back pack), USB optical mouse, External AC power adapter		
Power subsystem	40WHr (Integrated) Battery		
Warranty	One (1) Year		
Original detailed and highlighted			

LAPTOP COMPUTER - TYPE 15		COMPLIANCE (Yes/No)	REFERENCE INFORMATION TO SUPPORT COMPLIANCE (Highlighted in
ITEM	**MINIMUM REQUIREMENTS**		
Processor & Core Logic	12th Gen Intel® Core™ i7		
System Memory	16 GB DDR4 Memory Onboard		
Storage Subsystem	512GB SSD Onboard		
Keyboard and Pointing Device	Full-sized keyboard with backlight; Precision touchpad		
Graphics	Integrated Intel® UHD Graphics		
Audio	Dolby Audio™, microphone		
Integrated	Yes		
Digital pen	Ye		
WEBCAM	1M slim camera		
Wireless Technology	Wi-Fi 6 (2 x 2) and Bluetooth 5.0		
Display	13.3" FHD, IPS, multi-touch display		
I/O interface ports	1 * USB-C (DisplayPort, power delivery) 2 * USB 3.0 1 * HDMI		
Operating System	Genuine Windows 11 Professional 64-bit, licensed (with back up CD)		
Software	MS Office 2019 professional or later version, perpetual license		
Accessories	Standard laptop bag (back pack); USB Optical Mouse, USB-C to		
Power subsystem	54 Whr, Integrated long life battery; 1 AC Power Connector		
Warranty	One (1) Year		
Original detailed and highlighted			

DESKTOP COMPUTER – TYPE 8

ITEM	MINIMUM REQUIREMENTS	COMPLIANCE (Yes/No)	REFERENCE INFORMATION TO SUPPORT COMPLIANCE (Highlighted in the Brochure)
Processor & Core Logic	11th generation 8 core - Intel Core i7 Processor, 16 MB Cache		
System Memory	16 GB (DDR4		
Storage Subsystem	1 TB PCIe SSD		
Form Factor	All-in-One		
Display	All-in-One 23″ display (capacitive touch screen) with Integrated Intel UHD Graphics		
Graphics	Intel UHD Graphics		
Keyboard and Pointing Device	1 x USB Wired Keyboard 1 x USB Optical Wheel Mouse		
Audio	Internal Stereo Speakers 1 headphone port		
Webcam	Integrated 5MP webcam (front) and 5 MP webcam (rear)		
Communication Interface	Integrated Intel 10/100/1000 Mbps Gigabit Ethernet;		
	Intel 802.11ac Network Interface Card PCIe with Bluetooth		
I/O interface ports	4 USB 3.2 Gen 1 1 USB 3.2 Gen 2 1 HDMI-out 1 x RJ45 jack for Ethernet 1 USB 3.1 (fast charging)		
Operating System	Genuine Windows 11 Professional (64-bit) pre-installed (licensed with restore disk)		
Software	Microsoft Office Professional 2021 with Genuine License		
	Latest Version of Antivirus, licensed		
Power Supply	220-240 VAC, 50/60 Hz (auto-sensing)		
Warranty	**One (1) Year**		
UPS	Include 700VA UPS with power cables		
Accessories	Power Cables; DVD +/- RW		
Brochures	ORIGINAL DETAILED AND HIGHLITED BROCHURE MUST BE PROVIDED		

DESKTOP COMPUTER TYPE 9

ITEM	MINIMUM REQUIREMENTS	COMPLIANCE (Yes/No)	REFERENCE INFORMATION TO SUPPORT COMPLIANCE (Highlighted in the Brochure)
Processor & Logic	11th Generation Intel® Core™ i5 (8 MB L3 cache, 4 cores)		
System Memory	8 GB DDR4		
Storage	512 GB SSD storage		
Form Factor	All in one		
Display	23.8" diagonal FHD touch display		
Graphics	Intel UHD graphics		
Keyboard	USB Enhanced Keyboard		
Pointing Device/Mouse	USB Optical Mouse		
Audio	Stereo audio system with inbuilt speakers		
	Headphone/microphone jack		
Webcam	720p HD camera with integrated dual array digital microphones		
Communication Interface	Integrated Gigabit Ethernet -10/100/1000 Mbps		
	802.11ax Wi-Fi 6.0 and 5.0 Bluetooth		
I/O Interface Ports	2 x SuperSpeed USB Type-A		
	2 x USB 2.0 Type-A;		
	1 x RJ 45 Ethernet jack		
	1 x HDMI out		
	Media card Reader		
	Headphone /microphone jack		
Operating System	Genuine Windows 11 Professional 64 bit pre-installed (licensed with Recovery Disks)		
Software	Microsoft Office Professional 2021 with Genuine License		
	Latest Internet Security software with valid license		
Power Supply	220 - 240 VAC 50/60 HZ (Autosensing)/AC power adapter		
Warranty	**One (1) Year, Proof of Warranty must be provided**		
UPS	Include 700VA UPS with surge protection		

Accessories	Power Cables; DVD +/- RW		
Brochures	ORIGINAL DETAILED AND HIGHLITED BROCHURE MUST BE PROVIDED		

DESKTOP COMPUTER TYPE 10

ITEM	MINIMUM REQUIREMENTS	COMPLIANCE (Yes/No)	REFERENCE INFORMATION TO SUPPORT COMPLIANCE (Highlighted in the Brochure)
Processor & Logic	12th Generation Intel Core i9		
System Memory	16GB DDR4		
Storage Subsytem	1 TB SSD		
Form Factor	Tower		
Display	24" LED-Backlit Monitor (Same brand as CPU)		
Graphics	NVIDIA GeForce 4GB GDDR		
Keyboard	USB Enhanced Keyboard		
Pointing Device/Mouse	USB Optical Mouse		
Audio	Stereo audio system with inbuilt speakers		
	Audio ports: headphone and microphone		
Communication Interface	Integrated Gigabit Ethernet - 10/100/1000 Mbps		
	802.11ac Wi-Fi 6.0 and 5.0 Bluetooth		
I/O Interface Ports	2 X USB 3.1 Gen 1 ports 1 X USB 3.1 Gen 1 (Type-C) port		
	2X USB 2.0 ports		
	1 x HDMI port		
	1 x RJ 45 Ethernet jack		
	1 x Display port		
	Media card Reader		
	Headset and audio jack		
Operating System	Genuine Windows 10 Professional 64 bit pre-installed (licensed with recovery Disks)		
Software	Microsoft Office Professional 2021 with Genuine License		
	Latest Internet Security software with valid license		
Power Supply	220 - 240 VAC 50/60 HZ (Autosensing)		
Accessories	Power cables; HDMI cable		

UPS	Include 700VA UPS with surge protection		
Warranty	One (1) Year, Proof of Warranty must be provided		
Brochures	ORIGINAL DETAILED AND HIGHLITED BROCHURE MUST BE PROVIDED		

DESKTOP COMPUTER TYPE 11

ITEM	MINIMUM REQUIREMENTS	COMPLIANCE (Yes/No)	REFERENCE INFORMATION TO SUPPORT COMPLIANCE (Highlighted in the Brochure)
Processor & Logic	11th Generation Intel Core i7, 16 MB cache, 8 cores		
System Memory	8 GB DDR4		
Storage Subsystem	512 GB SSD		
Form Factor	Tower		
Display	21.5" LED-Backlit Monitor (Same brand as CPU)		
Graphics	Intel UHD Graphics		
Keyboard	USB Enhanced Keyboard		
Pointing Device/Mouse	USB Optical Mouse		
Audio	Stereo audio system with inbuilt speakers		
	2 x Audio ports: headphone and microphone		
Communication Interface	Integrated Gigabit Ethernet card 10/100/1000 Mbps		
	802.11ac Wi-Fi 6.0 and 5.0 Bluetooth		
I/O Interface Ports	1 x SuperSpeed USB Type-C 10Gbps		
	4 x USB 2.0		
	4 x SuperSpeed USB 10Gbps		
	1 x HDMI port		
	1 x RJ 45 Ethernet jack		
	1 x Display port 1.2		
	Media card Reader		
	Headphone		
	Line-in and Line Out		
Operating System	Genuine Windows 11 Professional 64 bit pre-installed (licensed with recovery Disks)		

Software	Microsoft Office Professional 2021 with Genuine License		
	Latest Internet Security software with valid license		
Power Supply	220 - 240 VAC 50/60 HZ (Autosensing)		
Warranty	**One (1) Year, Proof of Warranty must be provided**		
UPS	Include 700VA UPS with surge protection		
Accessories	Power Cables; External DVD +/RW		
Brochures	**ORIGINAL DETAILED AND HIGHLITED BROCHURE MUST BE PROVIDED**		

DESKTOP COMPUTER TYPE 12

ITEM	MINIMUM REQUIREMENTS	COMPLIANCE (Yes/No)	REFERENCE INFORMATION TO SUPPORT COMPLIANCE (Highlighted in the Brochure)
Processor & Logic	11th generation Intel® Core™ i5 (12 MB L3 cache, 6 cores)		
System Memory	8GB DDR4,		
Storage subsystem	1 TB SATA HDD		
Form Factor	Micro Tower		
Display	24" LED-Backlit LCD Monitor (Same brand as CPU)		
Graphics	Intel HD Graphics		
Keyboard	USB Enhanced Keyboard		
Pointing Device/Mouse	USB Optical Mouse		
Audio	Stereo audio system with inbuilt speakers		
	headphone and microphone jack		
Communication Interface	Integrated Gigabit Ethernet card 10/100/1000 Mbps		
	802.11ac Wi-Fi 6.0 and 5.0 Bluetooth		
I/O Interface Ports	2 X SuperSpeed USB 5-10Gbps		
	4 USB 2.0		
	1 x VGA port		
	1 x RJ 45 Ethernet jack		
	1 x HDMI		
	1 x VGA		
	1 x power connector		
	Audio Combo Jack (Front)		
	Line-out (Rear)		

Operating System	Genuine Windows 11 Professional 64 bit pre-installed (licensed with recovery Disks)		
Software	Microsoft Office Professional 2021 with Genuine License		
	Latest Internet Security software with valid License		
Power Supply	220 - 240 VAC 50/60 HZ (Autosensing)		
Warranty	**One (1) Year, Proof of Warranty must be provided**		
UPS	Include 700VA UPS with surge protection		
Accessories	Power Cables; External ==DVD +/- RW==		
Brochures	**ORIGINAL DETAILED AND HIGHLITED BROCHURE MUST BE PROVIDED**		

DESKTOP COMPUTER TYPE 13

ITEM	MINIMUM REQUIREMENTS	COMPLIANCE (Yes/No)	REFERENCE INFORMATION TO SUPPORT COMPLIANCE (Highlighted in the Brochure)
Processor & Logic	11th generation Intel Core i7, 8-cores, 16MB Cache		
Storage subsystem	1TB GB SSD		
Form Factor	Micro Tower		
Display	24" LED-Backlit Monitor (Same brand as CPU)		
Graphics	Intel UHD Graphics		
Keyboard	USB Enhanced Keyboard		
Pointing Device/Mouse	USB Optical Mouse		
Audio	Stereo audio system with inbuilt speakers		
	Headphone jack		
Communication Interface	Integrated Gigabit Ethernet - 10/100/1000 Mbps		
	802.11ac Wi-Fi 6.0 and 5.0 Bluetooth		
I/O Interface Ports	4 x USB-A 3.2		
	4 x USB 2.0		
	1 x VGA port		
	1 x RJ 45 Ethernet jack		
	1 x Display port		
	Media card Reader		
	Headphone		
	Line-in and Line Out		

Operating System	Genuine Windows 11 Professional 64 bit Pre-installed licensed with recovery Disks)		
Software	Microsoft Office Professional 2021 with Genuine License		
	Latest Internet Security software with valid License		
Power Supply	220 - 240 VAC 50/60 HZ (Autosensing)		
Warranty	**One (1) Year, Proof of Warranty must be provided**		
UPS	Include 700VA UPS with surge protection		
Accessories	Power Cables; DVD +/- RW		
Brochures	**ORIGINAL DETAILED AND HIGHLITED BROCHURE MUST BE PROVIDED**		