



7th August, 2020

TO ALL PARTICIPATING BIDDERS

Dear Sirs,

RE: UNES/USAID/HEALTHIT/004/2019-2020 – SUPPLY AND DELIVERY OF ICT INFRASTRUCTURE EQUIPMENT

ADDENDUM NO. 003:

We refer to the above Request for Proposal (RFP) tender dated 28th July, 2020.

This follows a clarification sought by one of the bidders. We wish to clarify as follows for each of the items:-

1. Kindly confirm if this is one off procurement or framework agreement?

This is a one-off procurement.

2. Installation of the requested Servers/Access Points will be within Nairobi or Outside Nairobi?

The bidder is expected to deliver the equipment in all the lots distributed across the following counties; Nairobi, Mombasa, Kwale, Kilifi, Nakuru, Baringo, Kajiado, Migori, Samburu, and Kisumu.

Delivery of equipment in Lot 5 will be in Nairobi County only.

3. Can we quote in alternative currency USD?

No. Prices quoted should be net inclusive of all taxes and delivery must be in Kenya Shillings and shall remain valid for (90) days from the closing date of the tender. (Refer ITT document page 4 of 78)

4. Is it mandatory to have the Gold Partner for HPE Brand only or alternative options can be quoted like Dell or Lenovo?

Gold Partner is the minimum level partnership.

5. LOT 1 – SERVERS

Is this tender is specific for HPE brand only? Or bidder can quote for alternate option?
HPE brand is preferred. However, bidder can quote for equivalent option from other brands.

If alternate brand is acceptable, then is it possible to the revised generalized specifications? as the current document you have mentioned has the HPE part codes.

Specifications are clear in the document and equivalent specifications can be inferred.

Support and Installation: You have mentioned that Successful vendor will install Linux Operating System to make system functional. Must provide warranty on service, parts and Labour for a period of 2 years, do we need to quote for Operating system as well? or you will provide OS?

Supplier will install **open source** linux operating system on servers provided by UNES. Therefore, the OS should not be costed.

6. LOT 3 – NETWORKING INFRASTRUCTURE:

You have mentioned ubiquity brand, do we need to quote Ubiquity only or its open to alternate brand?

Ubiquity is preferred. However, bidder can quote for equivalent brand.

You have not mentioned any controller specification; does that mean there is an existing controller for access points? Or bidder has to quote for controller as well?

The preferred ubiquity controller is **open source**. If bidder opts for alternative but equivalent brand, then controllers should be supplied and costed i.e. **one controller per facility (a total of 33 facilities)**

7. All those servers will be located in one location, example like Nairobi?

No. The servers will be distributed in the following counties; Nairobi, Mombasa, Kwale, Kilifi, Nakuru, Baringo, Kajiado, Migori, Samburu, and Kisumu.

8. Do bidders need to facilitate for logistics for the servers in multiple location in Kenya? if yes Kindly share the details

Yes. Bidders will meet the cost of delivery to the different counties (Nairobi, Mombasa, Kwale, Kilifi, Nakuru, Baringo, Kajiado, Migori, Samburu, and Kisumu).

9. The successful bidder needs to install Linux operating system on all the servers will be on Nairobi? If not kindly share us the locations, where those servers will be located and installed?

The servers will be distributed in the following counties; Nairobi, Mombasa, Kwale, Kilifi, Nakuru, Baringo, Kajiado, Migori, Samburu, and Kisumu.

10. Is Linux operating system will be provided by UNES?

Yes, UNES will provide.

11. Will the support for all the systems like (parts & labor) be on Nairobi only? If not kindly share us the locations, where those servers will be located and installed?

The support of all the systems will be provided in the following counties; Nairobi, Mombasa, Kwale, Kilifi, Nakuru, Baringo, Kajiado, Migori, Samburu, and Kisumu.

12. a) You have mentioned that the Gold partner certificate is preferred. Is this a mandatory requirement for all the items to be supplied?

Gold partner certificate is required for lot 1, lot 2, and lot 5

b) Can the manufacturer's authorization suffice in place of this partner certificate?

No.

13. Total number of servers to be supplied

- a) (Page 29 of 78) – Total number of server (serial 1) to be supplied is **1 (one)** and NOT 62. *i.e. ProLiant DL380 Gen10 8SFF Product #868703B21 OR equivalent*
- b) (Page 29 of 78) – Total number of servers (serial 2) to be supplied is **7 (seven)** and NOT 53. *i.e. ProLiant ML110 Gen10 8SFF Product #872309B21 OR equivalent*
- c) Therefore, total number of servers to be supplied in lot 1 is **35** and NOT 142.
- d) Attached is the list with correct quantities.

14. Server Cabinets

- a) (Page 36 of 78) – Total number of 18U cabinets to be supplied is **33** and NOT 1045 as indicated.
- b) The specification for the server rack is adjusted as follows;

18U Server Rack Enclosures, Strong mesh doors and side panels, black, two power distribution (PDU) with 10 ports, enclosure fans, blanking panels, floor grommets raised floor panels, cable manager.

Please note the rack mount UPS will be supplied under lot 4

15. Router

- a) (Page 36 of 78) – Total number of routers to be supplied is **31** and NOT 366 as indicated.
- b) **Can we quote any alternate Vendors, that can match the same spec?**
No.

The rest of the terms of the tender remain the same.

Thank you.



FREDRICK KANYANGI
FOR: MANAGING DIRECTOR

LOT 1 SERVERS

Sr No	Equipment/ Supply	Model Product Number	Equipment or Supply Detailed Specification	Total Nos.
1	Server	HPE ProLiant DL380 Gen10 8SFF Product # 868703-B21 OR Equivalent	1 868703-B21 HPE ProLiant DL380 Gen10 8SFF Configure-to-order Server 1 868703-B21 B19 HPE DL380 Gen10 8SFF CTO Server 1 P02497-L21 Intel Xeon-Gold 5217 (3.0GHz/8-core/115W) FIO Processor Kit for HPE ProLiant DL380 Gen10 2 P00920-B21 HPE 16GB (1x16GB) Single Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit 2 P00920-B21 0D1 Factory Integrated 1 826708-B21 HPE DL38X Gen10 Universal Media Bay Kit 1 826708-B21 0D1 Factory Integrated 4 655710-B21 HPE 1TB SATA 6G Midline 7.2K SFF (2.5in) SC 1yr Wty Digitally Signed Firmware HDD 4 655710-B21 0D1 Factory Integrated 1 726537-B21 HPE 9.5mm SATA DVD-RW Optical Drive 1 726537-B21 0D1 Factory Integrated 1 P01366-B21 HPE 96W Smart Storage Lithium-ion Battery with 145mm Cable Kit 1 P01366-B21 0D1 Factory Integrated 1 804331-B21 HPE Smart Array P408i-a SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS Modular Controller 1 804331-B21 0D1 Factory Integrated 1 629135-B22 HPE Ethernet 1Gb 4-port FLR-T BCM5719 Adapter 1 629135-B22 0D1 Factory Integrated 2 865414-B21 HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit 2 865414-B21 0D1 Factory Integrated 1 733660-B21 HPE 2U Small Form Factor Easy Install Rail Kit 1 733660-B21 0D1 Factory Integrated	1
2	Server	HPE ProLiant ML110 Gen10 8SFF Product # 872309-B21 OR Equivalent	7 872309-B21 HPE ProLiant ML110 Gen10 8SFF Configure-to-order Server 7 872309-B21 B19 HPE ML110 Gen10 8SFF CTO Server 7 P10977-L21 Intel Xeon-Silver 4208 (2.1GHz/8-core/85W) FIO Processor Kit for HPE ProLiant ML110 Gen10. 14 P00920-B21 HPE 16GB (1x16GB) Single Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit 14 P00920-B21 0D1 Factory Integrated 14 655710-B21 HPE 1TB SATA 6G Midline 7.2K SFF (2.5in) SC 1yr Wty Digitally Signed Firmware HDD 14 655710-B21 0D1 Factory Integrated 7 726537-B21 HPE 9.5mm SATA DVD-RW Optical Drive 7 726537-B21 0D1 Factory Integrated 7 786710-B21 HPE ML150 Gen9 Smart Storage Battery Holder Kit 7 786710-B21 0D1 Factory Integrated 7 P01367-B21 HPE 96W Smart Storage Lithium-ion Battery with 260mm Cable Kit 7 P01367-B21 0D1 Factory Integrated 7 830824-B21 HPE Smart Array P408i-p SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS PCIe Plug-in Controller 7 830824-B21 0D1 Factory Integrated 7 647594-B21 HPE Ethernet 1Gb 4-port BASE-T BCM5719 Adapter 7 647594-B21 0D1 Factory Integrated 7 874009-B21 HPE ML110 Gen10 550W ATX Power Supply Kit 7 874009-B21 0D1 Factory Integrated	7
3	Server	HPE ProLiant ML30 Gen10 8SFF Product # P06762-B21 OR Equivalent	25 P06762-B21 HPE ProLiant ML30 Gen10 8SFF Hot Plug Configure-to-order Server 25 P06762-B21 B19 HPE ML30 Gen10 8SFF Hr Plg CTO Svr 25 P17138-L21 Intel Xeon E-2224 (3.4GHz/4-core/71W) FIO Processor Kit for HPE ProLiant ML30 Gen10 50 879505-B21 HPE 8GB (1x8GB) Single Rank x8 DDR4-2666 CAS-19-19-19 Unbuffered Standard Memory Kit 50 879505-B21 0D1 Factory Integrated 50 655710-B21 HPE 1TB SATA 6G Midline 7.2K SFF (2.5in) SC 1yr Wty Digitally Signed Firmware HDD 50 655710-B21 0D1 Factory Integrated 25 786710-B21 HPE ML150 Gen9 Smart Storage Battery Holder Kit 25 786710-B21 0D1 Factory Integrated 25 P01366-B21 HPE 96W Smart Storage Lithium-ion Battery with 145mm Cable Kit 25 P01366-B21 0D1 Factory Integrated 25 830824-B21 HPE Smart Array P408i-p SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS PCIe Plug-in Controller 25 830824-B21 0D1 Factory Integrated 25 647594-B21 HPE Ethernet 1Gb 4-port BASE-T BCM5719 Adapter 25 647594-B21 0D1 Factory Integrated 50 865408-B21 HPE 500W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit 50 865408-B21 0D1 Factory Integrated 25 P06305-B21 HPE ML30 Gen10 4U RPS Enablement Kit 25 P06305-B21 0D1 Factory Integrated 50 P06307-B21 HPE ML30 Gen10 Mini SAS Cable Kit 50 P06307-B21 0D1 Factory Integrated 25 P06303-B21 HPE ML30 Gen10 Front PCI Fan and Baffle Kit 25 P06303-B21 0D1 Factory Integrated 32 874578-B21 HPE ML Gen10 Tower to Rack Conversion Kit with Sliding Rail Rack Shelf and Cable	25

4	Server	HPE ProLiant DL380 Gen10 8SFF - Product # 868703-B21 OR Equivalent	<p>1 868703-B21 HPE ProLiant DL380 Gen10 8SFF Configure-to-order Server</p> <p>1 868703-B21 B19 HPE DL380 Gen10 8SFF CTO Server</p> <p>1 P02491-L21 Intel Xeon-Silver 4208 (2.1GHz/8-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10</p> <p>2 P00920-B21 HPE 16GB (1x16GB) Single Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit</p> <p>2 P00920-B21 0D1 Factory Integrated</p> <p>1 826708-B21 HPE DL38X Gen10 Universal Media Bay Kit</p> <p>1 826708-B21 0D1 Factory Integrated</p> <p>2 655710-B21 HPE 1TB SATA 6G Midline 7.2K SFF (2.5in) SC 1yr Wty Digitally Signed Firmware HDD</p> <p>2 655710-B21 0D1 Factory Integrated</p> <p>1 726537-B21 HPE 9.5mm SATA DVD-RW Optical Drive</p> <p>1 726537-B21 0D1 Factory Integrated</p> <p>1 P01366-B21 HPE 96W Smart Storage Lithium-ion Battery with 145mm Cable Kit</p> <p>1 P01366-B21 0D1 Factory Integrated</p> <p>1 804331-B21 HPE Smart Array P408i-a SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS Modular Controller</p> <p>1 804331-B21 0D1 Factory Integrated</p> <p>1 629135-B22 HPE Ethernet 1Gb 4-port FLR-T BCM5719 Adapter</p> <p>1 629135-B22 0D1 Factory Integrated</p> <p>2 865414-B21 HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit</p> <p>2 865414-B21 0D1 Factory Integrated</p> <p>1 733660-B21 HPE 2U Small Form Factor Easy Install Rail Kit</p> <p>1 733660-B21 0D1 Factory Integrated</p>	1
5	Server	HPE ProLiant DL380 Gen10 8SFF - Product # 868703-B21 OR Equivalent	<p>1 868703-B21 HPE ProLiant DL380 Gen10 8SFF Configure-to-order Server</p> <p>1 868703-B21 B19 HPE DL380 Gen10 8SFF CTO Server</p> <p>1 P02495-L21 Intel Xeon-Silver 4216 (2.1GHz/16-core/100W) FIO Processor Kit for HPE ProLiant DL380 Gen10</p> <p>1 P02495-B21 Intel Xeon-Silver 4216 (2.1GHz/16-core/100W) Processor Kit for HPE ProLiant DL380 Gen10</p> <p>1 P02495-B21 0D1 Factory Integrated</p> <p>8 P00924-B21 HPE 32GB (1x32GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit</p> <p>8 P00924-B21 0D1 Factory Integrated</p> <p>1 826691-B21 HPE DL38X Gen10 SFF Box1/2 Cage/Backplane Kit</p> <p>1 826691-B21 0D1 Factory Integrated</p> <p>1 826708-B21 HPE DL38X Gen10 Universal Media Bay Kit</p> <p>1 826708-B21 0D1 Factory Integrated</p> <p>12 872481-B21 HPE 1.8TB SAS 12G Enterprise 10K SFF (2.5in) SC 3yr Wty 512e Digitally Signed Firmware HDD</p> <p>12 872481-B21 0D1 Factory Integrated</p> <p>1 726537-B21 HPE 9.5mm SATA DVD-RW Optical Drive</p> <p>1 726537-B21 0D1 Factory Integrated</p> <p>1 830824-B21 HPE Smart Array P408i-p SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS PCIe Plug-in Controller</p> <p>1 830824-B21 0D1 Factory Integrated</p> <p>1 P01366-B21 HPE 96W Smart Storage Lithium-ion Battery with 145mm Cable Kit</p> <p>1 P01366-B21 0D1 Factory Integrated</p> <p>1 804331-B21 HPE Smart Array P408i-a SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS Modular Controller</p> <p>1 804331-B21 0D1 Factory Integrated</p> <p>1 629135-B22 HPE Ethernet 1Gb 4-port FLR-T BCM5719 Adapter</p>	1
	Support and Installation	<p>1 H7J34A3 HPE 3Y Foundation Care 24x7 SVC 72</p> <p>3 H7J34A3 WAH HPE DL38x Gen10 Support 96</p> <p>7 H7J34A3 X1P HPE ML110 Gen10 Support 96</p> <p>25 H7J34A3 X7M HPE ProLiant ML30 Gen10 Support 96</p> <p>1 HA114A1 HPE Installation and Startup Service UW</p> <p>3 HA114A1 5A6 HPE Startup 300 Series OS SVC UW</p> <p>32 HA114A1 5T6 HPE Startup Entry ML DL Svr SVC UW</p>		

LOT 2 COMPUTING END DEVICES

Sr No	Equipment/ Supply	Model Product Number	Equipment or Supply Detailed Specification	Total Nos.
1	Tablets	(X9U42UT#ABA) OR equivalent	Tablets; 2.0 GHz, 10.1 inch screen, Storage 64GB, 8GB RAM with screen protector and rubber casing. Operating System Android 6.0, Primary Camera 8MP; secondary camera 2MP, Non removable LI-ion7300mAh with S pen (manufacturer warranty)	109
2	Desktop	All-in-One - 24-df0138xt 3UR01AA#ABA OR equivalent	All in one 9th Gen Intel® Core™ i5 9400 (6-Core, 9MB Cache, up to 4.1GHz with Intel® Turbo Boost Technology,Up to 1TB 7200RPM SATA 6Gb/s,Up to Intel UHD Graphics 630 with shared graphics memoryUp to 8GB DDR4 at 2666MHz wireless and ethernet comaprtible,Includes USB English Keyboard and Mouse, Office 365, Operating System: Windows 10 64 Bit Multi-Language supports, key board and mouse.	174
3	back up storage		External Storage Hard Disk (1 TB) Tracend	118
4	Chromebook	Chromebook - 15t-de000 Product #8VB17AV_1 OR equivalent	CPU: 1.6 GHz Intel Celeron N3160 processor (quad-core, 2MB cache, up to 2.24GHz),Graphics: Intel HD Graphics 400.,RAM: 4GB LPDDR3,Screen: 14-inch 1,920 x 1,080 display,Storage: 32GB solid state drive.	320
5	Entry Level Laser Printers	LaserJet Pro MFP M130nw OR equivalent	HP LaserJet Pro MFP M130nw Black & White Wireless Print-Scan-Copy Wireless Laser Printer White	91
6	Security cord		Genuine Universal Anti-Theft security lock cable for tablet with keylocks	366
7	Laptops for MOH	Laptop - 17t-by300 8YK40AV	Core i7 gen 8 with speed of 3.20 GHz,hdd 500GB with 8GB DDR4,15.6" (3	2
8	Laptops		Intel® Core™ Processor i9-9880H, 32GB, 4x8GB, DDR4 3200MHz Non-ECC Memory, Nvidia Quadro RTX 4000 w/8GB GDDR6, M.2 1TB PCIe NVMe Class 40 Solid State Drive, Windows 10 Pro, 17.3-in. display	1
9	Anti Virus		Use Ubuntu/Linux OS or Windows Defender for Windows OS	31
10	Thermal printers	A799II Thermal Receipt Printers OR equivalent	Reception/Cash point, E-Pos TEP- 220MC Thermal Receipt Printer	79

LOT 3 NETWORKING INFRASTRUCTURE

Sr No	Equipment/ Supply	Equipment or Supply Detailed Specification	Total Nos.
1	Wireless Access Point Indoor	Ubiquiti UniFI nano HD AP with power over Ethernet (PoE) (Dual-Band Antennas, 3 dBi each Max. Networking Interface: 2 10/100/1000 Ethernet Ports Features auto-sensing 802.3af/802.3 with long range capabilities. PoE support and can be powered by any of the following: Huawei/HP/CISCO Networks Switch 802.3af/802.3at PoE+ compliant switch , Huawei/HP/CISCO Networks Gigabit PoE Adapter (48V, 0.5A). Wi-Fi Standards: 802.11 a/b/g/n/ac, inclusive Configuration cost for VPNs, Wireless distribution System(WDS) Wireless LANs (WLANs) ; (manufacturer warranty).	62
2	Wireless Access Point Outdoor	Ubiquiti UniFI Outdoor AP with power over Ethernet (PoE) (Dual-Band Antennas, 3 dBi each Max. Networking Interface: 2 10/100/1000 Ethernet Ports Features auto-sensing 802.3af/802.3 with long range capabilities. PoE support and can be powered by any of the following: Huawei/HP/CISCO Networks Switch 802.3af/802.3at PoE+ compliant switch , Huawei/HP/CISCO Networks Gigabit PoE Adapter (48V, 0.5A). Wi-Fi Standards: 802.11 a/b/g/n/ac, inclusive Configuration cost for VPNs, Wireless distribution System(WDS) Wireless LANs (WLANs) ; (manufacturer warranty).	53
3	Ethernet cable Box	Branded CAT 6A Cable for Ethernet UTP	40
4	Patch Panel	24 port patch panel	57
5	Wiring Cabinet	9U Wall Wiring Cabinet	58
6	Network Cabinet	6U Wall mout Cabiet	4
7	Face Plates with Modular jack	Double data face plates with Modular jacks and Patress boxes	534
8		1 metre giganet Patch cords factory made	243
9	Patch codes	3 metre giganet cords factory made	57
10	Ethernet Switch	Branded Managed Smart Switch, 24 port Switch with power over Ethernet (PoE) and optical fiber port and transceiver inclusive Configuration cost for Firewall, content filtering, VPNs and Wireless LANs (WLANs); (manufacturer warranty)	71
11		200mm x 50mm x 2.44m Double Compartment Metal Trunking	1045
12		100mm x 50mm x 2.44m Double Compartment Metal Trunking	1740
13		25mm PVC pipes heavy gauge	300
14		25mm PVC Trunks	330
15		25mm Couplers	615
16		25mm bends	380
17		25mm saddles	330
18		20mm Flex conduits for wiring difficult angles and wall corners	177
19		packet of steel nails	71
20	Trunking	8mm rawl bolts(packets)	302

21	RJ 45 Plugs for POE Equipment	RJ45 Modules(packets)	475
22	Tie Ups	Cable Zip tie(packets)	52
23	Router	Cisco 892FSP,WAN interface 1-port GE or 1 -port SFP or 1-port GE,8-port 10-/100-/1000-Mbps managed switch.	31
24	Server Cabinets	18U Server Rack Enclosures, power distribution(PDU), Backup Power(UPS), Redundant power(ATS), power codes, portable cooling, enclosure fans, blanking panels, floor grommets raised floor panels, enviromental monitoring, cable management	1

LOT 4 AIR CONDITIONING AND POWER SUPPLY

Sr No	Equipment/ Supply	Equipment or Supply Detailed Specification	Total Nos.
1	UPS	Uninterruptible Power Supply Unit (1400KVA), (APC BX1400UI)	31
2		Uninterruptible Power Supply Unit (1000 VA)	200
3	Power bank	30000MAH Power Bank With Flashlight and LED Display and with Fast Charge Output (Phone Power Bank)	16
4	Power Extensions	Power Extension cable with surge protector	125
5	Air conditioners	Highwall split air conditioner	33
6	Volatge stabalizers	Automatic Voltage Regulation, Spike & Surge Protection, Electrical Noise Filter, Basic Lightning Surge Protection,Restart Time Delay, Fast Response, Solid State, Maintenance Free, Inbuilt Manual Bypass, Choice of input voltage ranges, Split Single Phase - 500 to 5000 VA/Watts	33