

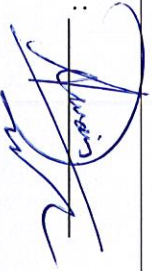
Technical Evaluation Report

For the Procurement of the IT Equipment for the HRDC Project “Strengthening Education & Health Services for Refugees & Host Communities (EHS).”

1. Laptops

S.No	Item description	Tender Specifications		Paragon Office solution	St-Silicon Technologies	Global IT solutions (GIS)	ZASK Web (Pvt) Ltd.
		Model:		HP 15S-FD0107TU	Lenovo E15 Gen4	HP 250-G9	Lenovo IdeaPad 5
1	Generation	10 onward	13th Generation	12th Generation	12th Generation	11th Generation	
2	Processor Type	10th Generation Intel Core i5	13, Core i5 (As per company specifications, (core 10 is mentioned in the bid documents))	12th Generation Intel® Core™ i5-1235U Processor	12th Generation Intel Core i5-1235U Processor (10 Cores - 12 Threads)	11th Generation Core i5-1135G7	
3	Processor Speed	Above 1.30 GHz Turbo with or above 8 Threads	1.3 to 4.6 GHz 12 threads	3.3 ~ 4.4 12 threads	.30 GHz up to 4.40 GHz Turbo (12.0 MB Cache)	2.4GHz 4.2GHz 8 threads	
4	Installed RAM	08 GB DDR4	8 GB	8 GB	8 GB	8 Gb	
5	Hard drive size	512 GB SSD 6b/s or more	SSD 512 GB	SSD 512 GB	SSD 512 GB	SSD 512	
	Hard drive speed	1 (Tb optional)	No	No	No	No (optional that means it will be at additional cost)	
7	Graphics memory	Intel® Iris® Xe Graphics Integrated	Intel UHD Intel® Iris® Xe Graphics (from the company site, not mentioned in the dormant)	Integrated Intel® UHD graphics Integrated Intel® Iris® Xe graphics	Intel® Iris® Xe Graphics Integrated	Intel Iris® Xe Graphics	

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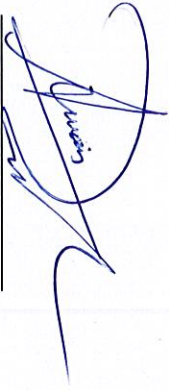


S.No	Item description	Tender Specifications	Paragon Office solution	St-Silicon Technologies	Global IT solutions (GIS)	ZASK Web (Pvt) Ltd.
		Model:	HP 15S-FD0107TU	Lenovo E15 Gen4	HP 250-G9	Lenovo IdeaPad 5
8	Type of graphics memory	Shared	Shared	Shared	Shared	Shared + dedicated 2GB
9	Screen size	15.6 or any compatible	15.6	15.6	15.6	15.6
10	Screen surface	39.6 cm (for 15.6" or equivalent) diagonal, FHD (1920 x 1080), micro-edge, anti-glare, 250 nits, 45% NTSC	39.6 cm (15.6") diagonal, FHD (1920 x 1080), micro-edge, anti-glare, 250 nits, 45% NTSC	15.6" FHD (1920 x 1080) IPS, antiglare, 300 nits, 45% NTSC	15.6" diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare	FHD, (1920x1080) None IPS 300 nits Antiglare 45% NTSC
11	Screen resolution	1920x1080 or above	1920x1080	1920x1080	1920x1080	1920x1080
12	Bluetooth	BT 4.2/5	Bluetooth 5.3	Bluetooth® 5.1	Bluetooth® 5.2	Bluetooth® 5.1
13	LAN	Yes	Yes	Yes	Yes	Yes
14	Wireless/Wifi	Yes	Yes	Yes	Yes	Yes
15	USB	USB Type-C® 5Gbps signaling rate USB Type-A 5Gbps signaling rate;	USB Type-C® 5Gbps 2 USB Type-A 5Gbps	USB 2.0 USB A 3.2 Gen 1	Type-A 5Gbps Type-C® 5Gbps signaling rate	USB-C 3.2 Gen 1 USB-A 3.2 Gen 1 (1st Gen = 5Gbps)
16	HDMI	1 HDMI v1.4b	HDMI 1.4b	HDMI 2.0	HDMI 1.4b	HDMI 1.4b
17	Camera	720p HD camera or above with temporal noise reduction and integrated dual array digital microphones Audio	720p HD	1080p FHD with privacy shutter	720p HD camera	720p HD with privacy shutter
18	Operating System (Primary)	Windows 11 (home or above)	License windows 11	License windows 11	License windows 11	License windows 11
19		Bag and wireless mouse	Yes	Yes	Yes	Yes
20	Warranty		One year	One year	One year	One year

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S.No	Item description	Tender Specifications	Paragon Office solution	St-Silicon Technologies	Global IT solutions (GIS)	ZASK Web (Pvt) Ltd.	
		Model:	HP 15S-FD01071U	Lenovo E15 Gen4	HP 250-G9	Lenovo Ideapad 5	
			Remarks				
			All the specifications are according to the documents mentioned in the bid documents	All the specifications are according to the documents mentioned in the bid documents	All the specifications are according to the documents. however, they have mentioned international warranty in the documents	All the specifications are according to the documents	



Dr. Awais Adnan
Professor

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2. Multimedia Projector

S.No	Item description	Tender Specifications	Model:	Paragon Office solution	Global IT solutions (GIS)
1	Power consumption	100 ~ 350 Watt		275 Watts 100V - 240V	260W
2	Brightness	At least: 3,500 lumens		4000 ANSI Lumens (std) 3200 ANSI Lumens (sco)	4000 ANSI
3	Contrast	15000:1 ~ 20000:1		20,000:1	22000:1
4	Resolution	XGA - XGA (1024 x 768)		1920 x 1200	XGA 1024x768
5	Remote control	Yes		Yes	Yes
6	Built-in speakers	Yes		Yes	Yes
7	Bulb life cycle, Normal	At least: 8,000 h		6000 hrs	5000hrs
8	bulb life cycle, eco-mode	Up to 15000 hour(s) - economic mode		7000 hrs	15000 hrs
9	Throw ratio	1.48 - 1.78:1		1.94 - 2.16	1.96 - 2.15
10	Network connection	Yes		No	No
11	Wireless network	No		No	No
12	Image frequency	24Hz to 85Hz		24Hz to 127Hzs	23Hz to 120Hz
13	Connectors	DVI, HDMI, Headphone output, USB, VGA		HDMI, VGAPC audio	HDMI, VGA USB, Audio
Remarks					
				1. No network supports 2. Throw ratio is more than the required. This can be issue in space in the room is less. 3. Lamp life is less than the required	1. No network supports 2. Throw ratio is more than the required. This can be issue in space in the room is less. 3. Lamp life is less than the required

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3. Printer

S.No	Item description	Tender Specifications	Model:	Paragon Office solution	Global IT solutions (GIS)
1	Maximum print speed	Up to 35 ppm		38 ppm	42ppm (
2	Maximum printing resolution	Fine Lines (1200 x 1200 dpi)		1200 x 1200 dpi	Up to 1200 x 1200 dpi
3	Power consumption (operating)	495 watts		495 watts (standard online specification)	495 watts (active printing)
4	Power consumption (standby)	220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz)		220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz)	220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) (Not dual voltage)
5	Memory capacity (maximum)	256 MB DRAM		256 MB	256 MB
6	Storage capacity (included)	2 GB available hard disk space		None (not available in default specification too)	No internal storage
7	Processor speed	1200 MHz		1200 MHz	1200 MHz
8	Maximum document size	A4 A5 A6		A4; A5; A6; B5	A4, A5, A6, B5
9	Paper storage (capacity)	100 sheet multipurpose Tray 1 250 sheet input Tray 2		100 sheets 250 sheets	100 sheet multipurpose Tray 1 250 sheet input Tray 2
10	paper storage (max capacity)	Optional third 550 sheet tray		Yes	550 tray 3 (optional)
Remarks					
				1. Model mentioned here is 404 DN while the actual model is M404 DN (as confirmed from the attached brochure for the series M404 2. No Hard disk available in default specifications	1. Attached brochure is for M403 series which is different from mentioned model. 2. Duplex Printing not available 3. No Hard disk available in default specifications

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