

TENDER NOTICE NO. A (01)/PSEB/2022-13
TECHNICAL SPESIFICATION FOR THE PURCHASE OF HARDWARE
EQUIPMENT FOR PSEB (G), ISLAMABAD

Pakistan Software Export Board (Guarantee) Limited invites sealed bids from all the eligible reputed manufacturers/suppliers registered with Income Tax and Sales Tax department for purchase of hardware equipment's as per below details.

Sr.	Item Description	Qty	Specifications		
1	Laptops (ISB & Quetta)	08	1	Processor	Intel Core i7 11th Gen, 12 MB Cache, 2.8 GHz to 4.7 GHz
			2	RAM	8GB DDR3 or higher
			3	SSD	256GB (M2 or NVMe) or higher
			4	Hard Disk	1TB or higher
			5	Graphics Card	Intel Graphics or NVIDIA
			6	Ports	USB-SS, Type-C, HDMI and Ethernet
			7	Camera	Webcam
			8	Connectivity	LAN, Bluetooth, Wi-Fi
			9	Carry Case	Yes
			10	OS	Windows 10 Pro Licensed
			11	Brand	Dell, Lenovo or Equivalent
			12	Warranty	1 Year Local Warranty
2	L.J Printer (ISB)	01	1	Functions	Print
			2	First page out	As fast as 6.3 sec
			3	Resolution	Up to 1200 x 1200 dpi
			4	Monthly duty cycle	Upto 80,000 pages
			5	Print Technology	Laser
			6	Display	LED
			7	Processor speed	1200 MHz
			8	Automatic Paper Sensor	Yes



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			9	Connectivity	USB, Ethernet, WIFI
			10	System Requirement	MacOS, Microsoft Windows 10, 8.1, 8, 7
			11	Memory	256 MB
			12	Paper handling input	100-sheet input tray
			13	Paper handling output	150-sheet input bin
			14	Media sizes support	A4, A5, A6, envelopes (C5, DL)
			15	Print speed	Upto 38 ppm
			16	Warranty	1 year
3	Color Printer (ISB)	02	1	Functions	Print
			2	First page out black	10.2 sec
			3	First page out color	11.8 sec
			4	Resolution black	Up to 600 x 600 dpi
			5	Resolution color	Up to 600 x 600 dpi
			6	Monthly duty cycle	Upto 40,000 pages
			7	Print Technology	Laser
			8	Display	LED
			9	Processor speed	800 MHz
			10	Automatic Paper Sensor	Yes
			11	Connectivity	USB, Ethernet, WiFi
			12	System Requirement	Mac OS, Microsoft Windows 10, 8.1, 8, 7
			13	Memory	256 MB
			14	Paper handling input	250-sheet input tray
			15	Paper handling output	100-sheet input bin
			16	Media sizes support	A4, A5, A6, envelopes (C5, DL)
			17	Print speed black	Upto 22 ppm



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			18	Print speed color	Upto 22 ppm
			19	Warranty	1 year
4	Video Conference (Karachi)	01	1	Brand	Logitech, Aver or equivalent
			2	Camera and Features	4K Sound bar with PTZ camera, FOV 120°4K 30FPS, 1080P 60FPS. ePTZ (P 180° T 105°) 10 Preset Points. True WDR. Auto Frame, Audio & Voice Tracking, Bluetooth Display Link HDMI out port, RS232, USB 3.1 Audio in, Microphone expansion.6 meters MIC pick-up with 2 uni-directional microphones. Speaker sensitivity 180Hz-20KHz, Speaker Distortion 95d BSPL @0.5M
			3	Warranty	With complete installation, testing and commissioning , 2 year warranty
5	Scanner (ISB, Quetta)	02	1	Type	Flatbed, ADF
			2	Resolution, optical	Up to 600 dpi (colour and monochrome, ADF); Up to 1200 dpi (colour and monochrome, flatbed)
			3	Duty cycle (daily)	Up to 1,500 pages (ADF)
			4	Bit depth	24-bits external 48-bits internal
			5	Levels of grayscale	256
			6	Scan size (flatbed), maximum	216 x 297 mm
			7	Media types	Paper (banner, inkjet, photo, plain), envelopes, labels, cards (greeting, index)
			8	Scan file format	For text and images: PDF, JPEG, PNG, BMP, TIFF, TXT(Text), RTF (Rich Text) and searchable PDF
			9	Scanner advanced features	One pass duplex scanning; One button scan; OCR; Configurable scan shortcuts
			10	OS Compatibility	Windows 10, 8/8.1, 7, Mac OS X v10.9 (Mavericks), OS X v10.10 (Yosemite)
			11	Connectivity, standard	Hi-Speed USB 2.0



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			12	Warranty	1 Year Local
			13	PPM	20
6	Mac book (ISB)	01	1	Processor	M1 chip with 8-core CPU and 8-core GPU or higher
			2	RAM	8GB DDR3
			3	Hard Disk	512GB SSD or higher
			4	Display	13.3-inch Retina display with True Tone
			5	Camera	Webcam
			6	Ports	Thunderbolt 3 (Type-C), USB
			7	Operating System	Mac OS
			8	Carry Case	Yes
			9	Warranty	1 Year Local Warranty
7	LED TV (ISB)	01	1	Product	75" LED SMART Flat Screen Samsung or Equivalent
			2	Type	Crystal UHD
			3	Series	UHD 7 Series
			4	Design	Boundless Design
			5	Stand Type	QUAD POD
			6	Screen Size	74.5" Measured Diagonally
			7	Color	Pur Color
			8	Resolution	3,840 x 2,160
			9	HDR (High-Dynamic Range)	HDR
			10	Motion Rate	MR120
			11	Picture Engine	Crystal Processor 4K
			12	Dolby	Yes
			13	Multi room Link	Yes
			14	Sound Output (RMS)	20W
			15	Bluetooth Headset Support	Yes
			16	Speaker Type	2CH
			17	Wi-Fi Connectivity	Yes (802.11ac)



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18	Wi-Fi Direct	Yes
19	Bluetooth	Yes (ver.4.2)
20	Smart Hub	Yes (incl. Universal Guide and TV Plus)
21	Works with Google Assistant	Yes
22	Game Mode	Yes (Game Enhancer)
23	Mobile to TV - Mirroring, DLNA	Yes
24	Processor	Crystal Processor 4K
25	Works with Alexa	Yes
26	USB HID Support	Yes
27	Apps Platform	Smart TV Powered by TIZEN™ with Apps and Full Web Browser
28	Digital Clean View	Yes
29	Eco Sensor	Yes
30	HDMI	2
31	RF In (Terrestrial/Cable Input)	1/1(Common Use for Terrestrial)/0
32	Audio Return Channel Support (via HDMI port)	Yes
33	USB	1
34	RF In (Satellite Input)	1/1(Common Use for Terrestrial)/0
35	Ethernet (LAN)	Yes
36	Digital Audio Out (Optical)	1
39	Remote Control Battery	Yes
40	Mounting Stand	A good Quality stand made of steel / wood to mount the 75" LED TV
41	4K UHD Resolution	Yes
42	HDR	Yes
43	Complete Installation and Testing, One Year	YES



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				Official Warranty & PTA Registered	
8	Digital Camera (Quetta)	01	1	Brand	Canon or Equivalent
			2	Wi-Fi	Yes
			3	Warranty	7 Day Replacement
			4	Built-in Flash	Yes
			5	Video Resolution	HD 1080
			6	Still Image Resolution	24 Megapixels
			7	LCD Screen Type	Fully Articulating
			8	Memory Card Type	SD
			9	LCD Size/Resolution	3.0"
			10	Bodies/Kits	18-55mm Lens Kits
			11	Swivel/Tilt LCD	Yes
9	Laptop Hi-Specs (ISB)	01	1	Processor	Intel Core i7 11th Gen, 12 MB Cache, 2.8 GHz to 4.7 GHz
			2	RAM	8GB DDR3 or higher
			3	SSD	256GB (M2 or NVMe) or higher
			4	Hard Disk	2TB or higher
			5	Display	UHD
			6	Graphics Card	Intel Graphics or NVIDIA
			7	Ports	USB-SS, Type-C, HDMI and Ethernet
			8	Camera	Webcam
			9	Connectivity	LAN, Bluetooth, Wi-Fi
			10	Carry Case	Yes
			11	OS	Windows 10 Pro Licensed
			12	Brand	Dell, Lenovo or Equivalent
			13	Warranty	1 Year Local Warranty
10	Photocopier (ISB)	01	1	Type	Desktop Dual Component Technology



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			2	Copy Per Minute (CPM)	22 CPM or above
			3	Copy Selector	1 to 999
			4	Copy Size	A5 to A3
			5	Paper Capacity	250 sheets or above
			6	Bypass	100 Sheets or above
			7	Memory	256MB
			8	Zoom (Range)	25 to 400 (0.1 %)
			9	Paper Weight	64 to 157 g/m2
			10	Network Color Scanner	Built-in
			11	Network Printer	Built-in
			12	Processor	500 MHz
			13	RADF	Up to 130 sheets
			14	Duplex	Included
			15	Scanning Speed	55ipm. Or above
			16	Warm up time	15 Sec
			17	First copy out time	6.5 Sec
11	Small Refrigerator (Karachi)	01	1	Brand	Haier, Pell, Dawlance or equivalent
			2	Unit Dimensions (W x D x H)	520 x 600 x 1470 mm (Medium Size)
			3	Shelf Type	Wire Shelves
			4	Egg Tray	Yes
			5	Freezer Shelf Type	Wire Shelves
			6	Ice Tray	Yes
12	LED TV (Karachi)	01	1	Product Type	LED
				Display	
			2	Screen	32" SMART TV
			3	Resolution	1,366 x 768
				Video	
			4	Picture Engine	Hyper Real
			5	Motion Rate	50
			6	PQI	900
			7	Contrast	Mega Contrast



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				Audio	
			8	Dolby Digital Plus	Yes
			9	Sound Output (RMS)	10W
			10	Speaker Type	2CH
				Smart Service	
			11	Operating System	Tizen
				Tuner/Broadcasting	
			12	Digital Broadcasting	DVB-T2CS2
				Connectivity	
			13	HDMI	2
			14	USB	1
			15	Brand	Samsung or Equivalent
			16	Mounting Stand	A good quality stand made of steel /wood to mount the 32" LED TV
13	PABX Exchange (Lah, Karachi)	02	1	CPU	Cortex A8 600 MHz Cortex A8 300 MHz
			2	Power Input	100 V AC to 130 V AC: 2.2 A/200 V AC to 240 V AC: 1.3 A; 50 Hz/60Hz
			3	Power Consumption (when fully mounted)	110 W
			4	External Backup Battery	Yes
			5	Memory Backup Duration	Upto 7 years
			6	Dialing	Trunk: Dial Pulse (DP) 10 pps, 20 pps Tone (DTMF) Dialing Extension: Dial Pulse (DP) 10 pps, 20 pps Tone (DTMF) Dialing
			7	Operating Environment Temperature	0 °C to 40 °C
			8	Humidity	10 % to 90 % (non-condensing)
			9	Conference Call Trunk	From 10 x 3-party conference call to 4 x 8-party conference call



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			10	Music on Hold (MOH)	Maximum 8 ports (Level Control: -31.5 dB to +31.5 dB per 0.5 dB) MOH: Selectable Internal/External Music Source port	
			11	LAN Port	10BASE-T/100BASE-TX (Auto MDI/MDI-X)	
			Technical Specifications Required at ISB, LHR, KHI			
			S.NO	Description	Qty	Location
			01	Total Number of Trunks	06	LHR, KHI
			02	Digital Ext	02	LHR, KHI
			03	Digital Set	02	LHR, KHI
			04	Analogue Ext.	48	LHR, KHI
			05	IP-Trunks Connectivity	04	ISB, LHR, KHI
			06	100-MDF	01	LHR, KHI
			07	2-Hour Backup	01	LHR, KHI
			NOTE:			
			<ul style="list-style-type: none"> • Vendor will be responsible to install the above PABX equipment at respective stations. • PTA approval letter for PABX must be attached with the technical bid. • The vendor must have the service center/offices in LHR, KHI, ISB. 			



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Terms and Conditions

- The quoted bids must be submitted in the sealed cover.
- A combine copy of the Technical & Financial Proposals should be submitted.
- Prices quoted must remain firm for acceptance up to 90 days from the date of its opening.
- Quoted price should be in Pak rupees and inclusive of all applicable taxes. Prices quoted without any tax remarks will be treated as inclusive of all applicable taxes. Any change in Government duties or taxes shall be borne by the successful bidder(s).
- The successful firm(s) will have to provide performance bond equal to **5 %** of the contract value against the items after receiving the Purchase Order till the warranty period of supplied item/items.
- Standard local warranty (defined in detailed specs).
- Bidders must submit **2%** of the total tender value as earnest money in the shape of Pay Order/Demand Draft in the name of Pakistan Software Export Board; Bids without/short in earnest money will be rejected.
- The earnest money of unsuccessful bidders will be refunded after completion of all the procedural requirements and to successful bidders after the delivery of entire supply of items and submission of **5%** performance bond of total contract value.
- Substandard item(s) will be rejected by the PSEB at any stage after or during the supply.
- The complete sealed bids should be submitted **on or before March 9nd, 2022 at 03:00 PM, which will be opened on the same date at 03:30 PM** in the presence of participated bidders or their authorized representatives at the following address.
- Any quoted bid received after the closing time for submission of bids shall not be entertained.
- Lowest financial bid conforming to all technical description/specs. (100 % compliance with the technical description/specs will be awarded the contract).
- PSEB reserves the rights to change the quantity of items purchased as per its requirement and budget.
- Vendors can apply in one or more items and work order/ purchase order will be issued to them accordingly.
- Single stage one envelope procedure.
- **Note: There is no prescribed bidding document fee.**



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