

**GOVERNMENT OF THE PUNJAB
PUNJAB HOUSING AND TOWN PLANNING AGENCY**

TENDER NOTICE

Sealed bids (Single Stage Two Envelope procedure) are invited from Original Manufacturers/ their Authorized Distributors / tier 1 or 2 partner, dealers registered with tax authorities and who are in Active Taxpayer List (ATL) for Supply, Installation and Commissioning of following items.

Item	Specifications	Quantity
Laptop	<p>Processor: Intel Core-i5 13th Gen, 1.3 Ghz upto 4.6 GHz, 12MB L3 Cache, 10 cores, Motherboard: Integrated Intel Chipset with TPM 2.0, RAM: 8 GB DDR4-2666 MHz, Storage: 1x 512 GB PCIe NVMe M.2, Display: 15.6" FHD (1920x1080), IPS or equivalent, antiglare, 250 nits or higher, Graphics: Integrated Intel with 4 displays support, Camera: Built-in 5MP/720p with microphone, Connectivity: Wi-Fi 6/6E 2x2 AX and Bluetooth 5.3 or higher, 1x RJ-45 Ethernet, Audio: built-in speakers, Built-in Fingerprint Reader, Keypad: Standard with numeric pad and backlit, Touch Pad: Precision with multi touch gesture support, I/O Ports: 1x 3.5 mm Universal audio port (with Mic), 1 x USB 3.0/3.1, 1 x USB-C, 1x HDMI 2.0, Battery and Power Adapter: 3 cell or 40 WHr battery or higher with original power adapter of same brand, Operating System: Win 11, Metal body/frame, Reference Model: HP ProBook 450 G10 or equivalent Note: One (01) Year Parts and Labor warranty for all components on site</p>	09
PC	<p>Tower/ Mini Tower with safety lock option, Processor: Intel Core-i5 11th Gen, Motherboard: Integrated Intel Chipset with TPM 2.0, RAM: 1 x 8GB DDR4-2666 MHz, Storage: 1x 256 GB PCIe NVMe M.2, Graphics: Integrated Intel with 4 displays support, Connectivity: Integrated Wi-Fi 6 2x2 AX or Wireless 802.11a/b/n/ac and Bluetooth 5.0 or higher, Built-in Ethernet with 1x RJ-45, Audio: Built-in support, I/O ports: Min 4x USB (2x USB 2.0, 2x USB 3.1) ports, HDMI 1.5 or Display Port, 1x 3.5 mm Universal audio port (with Mic) Display: 19" LED, IPS or equivalent, On-Screen control settings, Contrast ratio: 1000:1 min, Display Port: 1x HDMI or 1x Display Port Keyboard: USB with numeric pad of same brand, Mouse: USB Optical with scroll of same brand, Power Supply: Integrated standard with Power cables, Input Voltage: 100 - 240 VAC, Metal body/frame, Operating System: Win 11 Note: One (01) Year Parts and Labor warranty for all components on site</p>	10
Printer	<p>Multi-Function: Print, Scan, Copy, Laser, Min Print Speed: 20 PPM, Resolution: 1200x1200 dpi, Connectivity: Fast Ethernet, Wireless Enabled, USB 2.0, Paper Handling: Legal, A4, Letter Scan: Flatbed/ADF, Scan Resolution: 600x600 dpi optical, Scan Speed: 20 iPM Copy Speed: 20 CPM, Copy Resolution: 600 x 600 dpi Other standard features: Duplex printing, LED display etc with USB cable Reference Model: HP LaserJet Pro MFP 137FNW or equivalent Note: One (01) Year Parts and Labor warranty for all components on site</p>	08
Scanner	<p>Heavy Duty Automatic Document Feeder Scanner Doc Size: A3, Legal, A4, Letter with option to scan long docs, Optical Resolution: 600 x 600 dpi, Scanning speed: 60 ppm @ 200dpi, OS Support: Win 11, Connectivity: Ethernet, Wifi, USB 2.0, Scan Modes: B/W and Color, Auto Duplex, with USB cable, Power cable etc Imaging Features: Auto crop, Fixed cropping, Orthogonal rotation, Sharpening etc Note: One (01) Year Parts and Labor warranty for all components on site</p>	04

Server Rack	19" Standard Floor standing Rack, Size: 42U, Width 800 mm, Height 2000 mm, Depth 1000 mm, Cabinet Features: 19" mounting angles, Front glass door with lock and handle, Rear perforated metal door with lock and duplicate key, Removable side panels, Adjustable jacking feet, Moveable (with Caster wheels), Min 2 cooling fans fitted tray with cable for connection, Extra cage nuts (30 Pieces), Earthing screws and two-way vertical cable managers, 2 PDU's (with 8 outlet & 13 Amps each), Min 4x fixed shelves or mount rails, Stainless steel with Matt Black Epoxy Powder coating, Must comply with ANSI/EIA Standard, With assembly and installation Note: One (01) Year Parts and Labor warranty for all components on site	1
Cat-6 Cable	UTP Cat-6 Cable Roll (305m), 4 pair, 23AWG or better, Fluke test passed, Compatible with RJ-45 connectors Note: One (01) Year Parts and Labor warranty for all components on site	1
External HDD	Capacity: 1 TB, USB 3.2/3.1 data transfer rate, With Super Speed (5Gbps) USB-A cable, Plug-and-play ready for Windows PCs Note: One (01) Year Parts and Labor warranty for all components on site	2
NVMe SSD	512 GB PCIe Gen4 or Gen3x4 NVMe 1.3 M.2 or higher Note: One (01) Year Parts and Labor warranty for all components on site	2
RAM 8 GB DDR-4	1 x 8 GB DDR4-2666 MHz or higher Note: One (01) Year Parts and Labor warranty for all components on site	4
RAM 8 GB DDR-3	1 x 8 GB DDR3-1660 MHz or higher Note: One (01) Year Parts and Labor warranty for all components on site	2
LAN Switch	5x 10/100/1000Mbps ports, Network Gigabit Ethernet Switch Note: One (01) Year Parts and Labor warranty for all components on site	2
Crimping Tool	For RJ-45/ RJ-11 cables & connectors Note: One (01) Year Parts and Labor warranty for all components on site	1
Network Cable Tester	Should test RJ-45 (Straight and Crossover), RJ-11, USB and BNC connector cables, with batteries Note: One (01) Year Parts and Labor warranty for all components on site	1
Wifi Adapter	300Mbps Wireless Adapter, supports 5 GHz, USB 2.0/3.0, supports 802.11 b/g/n/ac, plug and play for Windows PC Note: One (01) Year Parts and Labor warranty for all components on site	5
RJ-45 Connector Box	100 pieces/box, RJ-45 Cat-6 connectors, Rust resistant Note: One (01) Year Parts and Labor warranty for all components on site	1
RJ-11 Connector Box	100 pieces/box, RJ-11 Telephone cable connectors, Rust resistant Note: One (01) Year Parts and Labor warranty for all components on site	1
USB 128 GB	USB 3.1 with 400 MB/s Read/Write tested speed, Metal body Note: One (01) Year Parts and Labor warranty for all components on site	3

Fee (non-refundable) of Rs.2,000/- and sealed bids along with 5% earnest money on the total bid cost should reach on or before 1100 hours on 24th June 2024. The proposals will be opened in the presence of bidders at 1130 hours on the same day.

Director (Finance)

**DIRECTORATE GENERAL, PUNJAB HOUSING
AND TOWN PLANNING AGENCY**