

Tender Fee: Rs. 5,000/-
(Non-Refundable)

TENDER FORM

Tender # IT/18/23-24 Provide and Supply Laptops, Desktop Computers and LED Monitors on C&F Basis

Date of Issue : December 21, 2023
Last Date of Submission : January 5, 2024 (03:00 PM)
Date of Opening of Tender : January 5, 2024 (03:30 PM)

Company Name: AstronTech (Pvt) Ltd.

NTN: 3628336-3, SRB Registration Number: 03-90-9999-947-46

GST Registration Number: 03-90-9999-947-46

Pay Order / Demand Draft # _____, Dated: _____

Amount of Rs. _____, Drawn on Bank: _____



9. Bill of Quantity

| S. No. | Product Features | Description | Make & Model | Qty | Rate | Amount |
|--------|---------------------------------|--|--------------------|-----|------|--------|
| 1. | HIGH-END LAPTOP COMPUTER | | | 18 | | |
| | Processor | 13th Generation Intel® Core™ i7-1355U, 12 MB cache, 10 cores, 12 threads, up to 5.00 GHz Turbo or equivalent or Higher | DELL Latitude 5540 | | 908 | 16,344 |
| | OS | Windows 11 Pro | | | | |
| | Operating System | Free DOS | | | | |
| | OS Support | Windows 11 Pro 64 or later | | | | |
| | Display | 15.6" FHD (1920 x 1080) Anti Glare, 16x9, Non Touch, IPS, 250 nits or high | | | | |
| | Graphics | Integrated Intel® Iris Xe or equivalent | | | | |
| | Memory | 16 GB DDR4 3200HMz RAM (socketed) expandable Up to 64GB | | | | |
| | Storage | 512 GB PCIe NVMe SSD or higher, Dual SSD storage supported up to 4TB | | | | |
| | Connectivity | Intel® Wi-Fi 6e AX210 2x2 6GHz or higher | | | | |
| | Camera | FHD IR, with built-in camera shutter | | | | |
| | Ports | 2 USB Type C Thunderbolt™ 4.0 with Power Delivery & DisplayPort, 2 USB 3.2 Gen1 (1 with Power share), HDMI 2.0, uSD 4.0 Memory card reader, Contacted SmartCard Reader (optional supported), Touch Fingerprint Reader (optional supported), Universal Audio Jack, Wedge-shaped Lock slot, RJ45 | | | | |
| | Image Load | IBA image load in BIOS Service by manufacturer | | | | |
| | Battery | Min 54 Whr or above Fast Charging | | | | |
| | Power Adapter | Type-C | | | | |
| | Keyboard & Touch | Single Point Backlit Keyboard | | | | |
| | Headphone with Mic | Same brand | | | | |
| | Mouse | Wireless Mouse same brand | | | | |
| | Standard | MIL STD 810H tested (Durability / Ruggedness) | | | | |
| | Warranty (with Battery & SSD) | 3 Years, On Site Diagnosis by principal / Manufacturer | | | | |

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Sr Exec Finance, IBA Karachi

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MUHAMMAD HANIF
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Chairperson PC-B
Chief Librarian, Karachi

| S. No. | Product Features | Description | Make & Model | Qty | Rate | Amount |
|--------|-------------------------------|--|--------------------|-----|------|--------|
| 2. | LAPTOP COMPUTER | | | 55 | | |
| | Processor | 13th Generation Intel® Core™ i7-1355U, 12 MB cache, 10 cores, 12 threads, up to 5.00 GHz Turbo or equivalent or Higher | DELL Latitude 3540 | | 806 | 44,330 |
| | Operating System | Free DOS | | | | |
| | OS Support | Windows 11 Pro 64 or later | | | | |
| | Display | 15.6" FHD (1920 x 1080) non-touch, anti-glare, 250 nits | | | | |
| | Memory | 16 GB DDR4 RAM Supporting RAM of at least 32GB RAM | | | | |
| | Storage | 512 GB PCIe NVMe SSD or higher | | | | |
| | WLAN | Intel® AX211, 2x2, 2400Mbps, 2.4/5/6 GHz, Wi-Fi 6E (802.11ax), Bluetooth 5.3 or higher | | | | |
| | Webcam | FHD+IR Camera | | | | |
| | Ports | 1 USB 3.2 Gen 2 Type-C port with DisplayPort Alt Mode 1.4 / Power, 3 USB 3.2 Gen 1 (1 with PowerShare) 1.4 HDMI, RJ-45 Ethernet port, Universal Audio, Wedge Shaped Lock | | | | |
| | Network Interface | 10/100/1000 Ethernet | | | | |
| | Security | TPM 2.0, FIPS 140-2 Certified, TCG Certified | | | | |
| | Image Load | IBA logo in BIOS by manufacturer | | | | |
| | Battery | 54 Whr or above Fast Charging Capable | | | | |
| | Power Adapter | Type-C | | | | |
| | Input/KB | Single Pointing Spill Resistant Backlit Keyboard with NumPad | | | | |
| | Headphone with Mic | Same brand | | | | |
| | Audio | 2 Speakers, 2 Noise Canceling Mics | | | | |
| | Mouse | Wireless Mouse same brand | | | | |
| | Standard | MIL STD 810H (Durability & Reliability) | | | | |
| | Carry Case | Same brand bag | | | | |
| | Warranty (with Battery & SSD) | 3 years, On-Site Diagnosis by principal / Manufacturer | | | | |

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|--------|-------------------------|--|---------------------------------|-----|------|--------|
| 3. | DESKTOP COMPUTER | | | 15 | | |
| | Processor | 13th Generation Intel® Core™ i7-13700 (30 MB cache, 16 cores, 24 threads, 2.10 GHz to 5.20 GHz turbo, 65 W) or higher | Dell Optiplex MFF 7010 | | 604 | 9,060 |
| | Operating System | Free DOS | | | | |
| | OS Support | Windows 11 Pro 64 or later | | | | |
| | Chassis | Micro Form Factor | | | | |
| | Chipset | Intel® Q670 Chipset or Equivalent | | | | |
| | Memory | 16 GB DDR5 or Higher expandable up to 128 GB | | | | |
| | Storage | 512 GB PCIe NVMe SSD or Higher | | | | |
| | Graphic Card | Integrated Intel® Graphics 770 Graphics or Equivalent | | | | |
| | Wireless Module | 802.11ax | | | | |
| | Video Ports | 3 Display Ports; 1 x HDMI 2.0 or higher | | | | |
| | Ports (At least) | 2x USB 3.2 Type-A Gen 2, 2x USB 3.2 Type-A Gen 1, 1x USB 3.2 Gen 2x2 Type-C port, 1 x RJ-45, 1 x Universal Audio Port | | | | |
| | Additional Ports | Optional: Add-in cards: USB Type-C 3.2 PCIe, USB Type-A 3.2 Gen 2 PCIe | | | | |
| | Image Load | IBA image load in BIOS Service by manufacturer | | | | |
| | Security | TPM 2.0, standard security lock slot, padlock loop, Intrusion switch | | | | |
| | Power (PSU) | 260W or higher | | | | |
| | Expansion Slots | 1 x Half-height Gen4 PCIe x16 slot, 1 x Half-height Gen3 PCIe x4 open-end slot, FH PCI, 1 FH PCIe x1, 1 FH PCIe x16, 1 FH PCIe x4 Open End | | | | |
| | Warranty (with SSD) | 5 years, On-Site Diagnosis by principal / Manufacturer | | | | |

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|--|----------------------|--|-----------------|-------------|------------|--------|
| 4. | LED MONITOR | | | 60 | | |
| | Display Type | LED-backlit LCD monitor | Dell | | 92 | 5,520 |
| | Diagonal Size | 21.45" or larger | LED | | | |
| | Built-in Devices | Stereo speakers | Monitor | | | |
| | Panel Type | VA | E2222 | | | |
| | Aspect Ratio | 16:9 | H5. | | | |
| | Native Resolution | Full HD (1080p) 1920 x 1080 at 60 Hz | | | | |
| | Pixel Per Inch | 103 | | | | |
| | Brightness | 250 cd/m ² or higher | | | | |
| | Contrast Ratio | 3000:1 / 3000:1 (dynamic) | | | | |
| | Color Support | 16.7 million colors or higher | | | | |
| | Response Time | 7 ms (gray-to-gray) or better | | | | |
| | Screen Coating | Anti-glare | | | | |
| | Backlight Technology | LED backlight | | | | |
| | Audio | Speakers - stereo | | | | |
| | Viewing Angle | 178° (Horizontal & Vertical) | | | | |
| | Features | Flicker Free technology | | | | |
| | Connectivity | HDMI, VGA, DisplayPort 1.2 | | | | |
| | Display Position | Height | | | | |
| | Adjustments | Tilt | | | | |
| | Tilt Angle | -5°/+21° | | | | |
| | Features | Security lock slot, VESA interface support | | | | |
| | Included Accessories | VESA screw cover | | | | |
| | Cables Included | 1 x HDMI cable, Power Cable | | | | |
| | On / Off Switch | Yes | | | | |
| | Warranty | 5 years' comprehensive, with parts & labor, warranty from the principal (back-to-back) | | | | |
| Total Amount (please refer to Article "Instruction" clause "i") (C&F Foreign Currency) | | | USD | | | |
| | | | Currency: | \$ 75,254/2 | | |
| Sales Taxes | | | (if applicable) | — | | |
| Additional Sales Taxes | | | (if applicable) | — | | |
| Grand Total Amount in Foreign Currency | | | | | 75,254 USD | |

Total amount (C + F) IN USD
Seventy five thousand two hundred and Fifty Four.

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Total Amount C&F Foreign Currency (in words)


Seventy Five thousand
two hundred and Fifty four only / 2 USD.

To be filled by IBA, Karachi (as per clause 4(d))

Total Amount PKR (in words)

Twenty -One million Thirty Seven Thousand
Two Hundred Fifty Five Rupees & Seventy Paise


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