

CSIR – Central Scientific Instruments Organisation

17/04/2024

CSIO-CSIO/μ-NoC/ 2024-25/ MMP015201 :WP 3.1 /04

Sub: Requirement for Workstations , UPS and Printer

There is a requirement for Workstation, UPS and Printer under the project MMP015201 :WP 3.1..
The details are given in Annexure-I.

The Budgetary Quotation by the Interested and authorized firms can be submitted through e-mail to the undersigned (np@csio.res.in) on or before 22.05.2024, 9:00 AM. The Budgetary Quote must be submitted along with the Authorisation certificate of the original manufacturer.

Other Terms & Conditions:

1. Delivery: F.O.R. CSIO Chandigarh
2. Payment Terms: Within 30 days after delivery

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ANNEXURE-I

Workstation # 1 Quantity Required :1 nos

| S.No. | Item | Specifications. |
|--------------|---|---|
| 1. | Motherboard/Processor | AMD Ryzen Threadripper PRO 7945WX (64 MB cache, 12 cores, 24 threads, 4.7GHz to 5.3GHz, 350 W). |
| 2. | Operating system | Windows 11 Pro (22H2) Media 64Bit-USB, English, along with the latest Microsoft Office Pro permanent licence for 1 PC. |
| 3. | Memory | 64 GB: 4 x 16 GB, DDR5, 4800 MT/s, RDIMM, ECC 4800 MT/s or higher |
| 4. | Video Card | AMD Radeon Pro or NVIDIA® T600, 4 GB GDDR6, 4 mDP to DP adapters |
| 5. | Boot Drive/Storage | SSD Boot (atleast 1 TB) and 1TB 7200 RPM SATA-HDD along with Dual SATA flexibility |
| 6. | Port | A sufficient number of USB3, Ethernet, Audio and Display ports |
| 7. | Keyboard | Wireless Keyboard (English) |
| 8. | Mouse | Wireless Optical mouse with Mouse pad |
| 9. | Main Monitor/ Screen | <p>Monitor must be height and tilt adjustable and rotatable</p> <p>Size: 27" integrated video conferencing monitor</p> <p>Aspect Ratio: 16:9</p> <p>Resolution: 1920 x 1080</p> <p>Contrast Ratio: 1000:1</p> <p>Speakers: Built-In/ Integrated 2 x 5 W or better</p> <p>Mic: Built-In / Integrated</p> <p>Webcam: User-Facing: 1080p or better</p> |
| 10. | Cables AND ADAPTORS | ALL REQUIRED CABLES LIKE HDMI TO VGA, USB TYPEC TO HDMI , DISPLAY PORT TO DVI to be provided to ensure monitor to CPU Chassis connection |
| 11. | Network/ Wireless | Intel Wi-Fi 6E AX211, 2X2, 802.11 ax, Bluetooth Wireless card internal antenna. Must come with Network Card for Ethernet connection |
| 12. | Driver | WLAN intel AX211 wireless card driver |
| 13. | Warranty | 3 Years Onsite |
| 14. | To avoid compatibility issues, all the above-specified items should be from the same OEM wherever applicable. | |

Workstation # 2 Quantity Required :2 nos

| S.No. | Item | Specifications. |
|--------------|---|---|
| 1. | Processor | 13th Generation Intel Core i9-13900 (36MB Cache, 24 Core (8+16), 2.0GHz to 5.6GHz (65W)) TDP |
| 2. | Operating system | Windows 11 Pro, English along with the latest Microsoft Office Pro permanent licence for each PC. |
| 3. | Memory | 32 GB, 2 x 16 GB, DDR5, 4400 MHz extendable to 64 GB |
| 4. | Video Card | Nvidia T400 4GB, 4GB, 3 mDP to DP adapter |
| 5. | Boot drive | SSD Boot (1 TB) |
| 6. | Port | A sufficient number of USB3, Ethernet, Audio and Display ports |
| 7. | Driver | WLAN intel AX211 wireless card driver |
| 8. | Wireless | Intel Wi-Fi 6E AX211, 2X2, 802.11 ax, Bluetooth Wireless card along with Network Cards for Ethernet connection |
| 9. | Keyboard | Wired Keyboard (English) |
| 10. | Mouse | Optical mouse with Mouse pad |
| 11. | Cables AND ADAPTORS | ALL REQUIRED CABLES LIKE HDMI TO VGA, USB TYPEC TO HDMI , DISPLAY PORT TO DVI to be provided to ensure monitor to CPU Chassis connection |
| 12. | Monitor | 19.5 inches, 1600 x 900, 60 Hz HD+ Monitor TN Panel, Response Time 5 ms, Anti-Glare, HDMI 1.4 (HDCP 1.4), VGA, with Tilt & Height Adjustment. |
| 13. | Warranty | 3-years onsite |
| 14. | To avoid compatibility issues, all the above-specified items should be from the same OEM wherever applicable. | |

Workstation # 3 Quantity Required: 2 nos.

| S.No. | Item | Specifications. |
|--------------|---------------------|---|
| 1 | Processor | Intel® Core™ i9 14th Gen 14900K (36 MB cache, 24 cores, 32 threads, 3.2 GHz to 6.0 GHz, 125W) |
| 2 | Operating system | Windows 11 Pro (22H2) Media 64Bit-USB, English, along with Microsoft Office 2021 Pro. For each PC |
| 3 | Memory | 32GB: 4 x 8 GB, DDR5, 4000 MT/s extendable to 64 GB |
| 4 | Video Card | Nvidia RTX 2000 Ada, 16 GB GDDR6, 4 mDP to DP or better |
| 5 | Boot drive/Storage | C1: M.2 SSD Boot (1 TB) |
| 6 | Wireless | Intel Wi-Fi 6E AX211, 2X2, 802.11 ax, Bluetooth Wireless card along with Network Cards for Ethernet connection |
| 7 | Driver | WLAN intel AX211 wireless card driver |
| 8 | Port | A sufficient number of USB3, Ethernet, Audio and Display ports |
| 9 | Keyboard | Wireless Keyboard (English) |
| 10 | Mouse | Wireless Optical mouse with Mouse pad |
| 11 | Cables AND ADAPTORS | ALL REQUIRED CABLES LIKE HDMI TO VGA, USB TYPE-C TO HDMI , DISPLAY PORT TO DVI to be provided to ensure monitor to CPU Chassis connection |
| 12 | Monitor | 19.5 inches, 1600 x 900, 60 Hz HD+ Monitor TN Panel, Response Time 5 ms, |

| | | |
|----|---|--|
| | | Anti-Glare, HDMI 1.4 (HDCP 1.4), VGA , with Tilt & Height Adjustment |
| 13 | Warranty | 3-years onsite |
| 14 | To avoid compatibility issues, all the above-specified items should be from the same OEM wherever applicable. | |

UPS Quantity Required: 5 nos.

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|----|-----|---|
| 1. | UPS | Online UPS specification Quantity 1 UPS capacity: 1 KVA/ 900 Watt online 1 Switching Technology: IGBT -PWM Input Voltage: 180 to 230 V AC Single Phase Output Voltage: 230 V AC Single Phase Battery Type: SMF Battery Back UP Time: 30 to 45 Min or More Warranty: 2 Years or More. |
|----|-----|---|

Printer Quantity Required: 1 nos. each

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|----|-----------|---|
| 1. | Printer 1 | LaserJet (Multipurpose) Coloured. Page size supported - A4, A5; Automatic double-sided printing, Wireless feature |
| 2. | Printer 2 | LaserJet (Multipurpose), Scanner and Copier, Black & White. Page size supported - A4, A5; Automatic double-sided printing, Wireless feature |