

Indian Institute of Technology Kanpur

Department of Electrical Engineering

Enquiry No.: EE/SQ/SMDP/2016/02-Revised

Opening Date: **November 04, 2016**

Closing Date: **November 23, 2016**

Sub.: Purchase of Four Workstations.

Please send your **SEALED QUOTATION** to the undersigned for the following Item-1 and Item-2. The envelope should be marked as **“Workstations–EE/SQ/SMDP/2016/02-Revised”**.

Item-1	Description	Quantity
Name	Computer Workstation (Category-1)	1
Form Factor	Tower	
Processor	1 x Intel Xeon E5-1620 v4 (3.5 GHz, 10 MB cache, 4 cores)	
Chipset	Intel C612	
RAM	2 x 4GB DDR4-2400 ECC Registered SDRAM	
Memory Slots	8 DIMM	
Drive Controller	Integrated SATA 6.0 Gb/s with RAID 0, 1 support	
HDD	1 x 500GB SATA 7200 rpm	
Optical Drive	1 x Standard Multi SATA DVD ROM 1 x Slim SuperMulti SATA DVD Writer	
Graphics	NVIDIA Quadro K2200 with 4 GB	
Audio	Integrated Realtek HD ALC221	
Ethernet	1 x Integrated Intel I218LM PCIe GbE	
Expansion Slots	2 PCIe Gen3 x16, 1 PCIe Gen3 x8 (open-ended), 1 PCIe Gen2 x4 (open-ended), 1 PCIe Gen2 x1 (open-ended), 1 PCI (32bit)	
Ports and Connectors	Front: 4 USB 3.0, 1 microphone, 1 headset; Back: 4 USB 3.0, 2 USB 2.0, 2 PS/2, 1 RJ-45, 1 audio line-in, 1 audio line-out; Internal: 1 USB 2.0, 1 USB 3.0	
Input Device	PS/2 Keyboard, USB 1000 dpi Laser Mouse,	
Power Supply	1 x 700 W 90% efficient, wide-ranging, active PFC	
OS	(1) Linux Installer Kit with 64-bit Drivers for Red Hat RHEL 6 and 7, (2) Red Hat RHEL Workstation 64-bit - Paper License for 1 Year Subscription.	
Display	Type: 24-inch (Performance) IPS Gen 2, LED Backlit, Resolution: 1920 x 1200 @ 60 Hz, Aspect Ratio: 16:10, Brightness: 300 cd/m2, Contrast Ratio: 1,000:1, Dynamic Contrast Ratio: 5,000,000:1 Pixel Pitch 0.270 mm, Color Support: 16.7 million colors, <u>Input Connectors</u> : 1 VGA, 1 DisplayPort 1.2 (1.1 compatible), 1 DVI-D (HDCP support on DisplayPort and DVI), Video and Other Input: Plug and Play, Self-Powered USB 2.0 Hub: 1 upstream and 4 downstream ports	
Warranty	3 Years Parts, 3 Years Labor, and 3 Years Onsite Service.	

Item-2	Description	Quantity
Name	Computer Workstation (Category-2)	3
Form Factor	Tower	
Processor	1 x Intel Xeon E3-1240 v5 (3.5 GHz, 8 MB cache, 4 cores)	
Chipset	Intel C236	
RAM	2 x 4GB DDR4-2133 ECC Unbuffered SDRAM	
Memory Slots	4 DIMM	
Drive Controller	Integrated SATA 6.0 Gb/s with RAID 0, 1 support	
HDD	1 x 500GB SATA 7200 rpm	
Optical Drive	1 x Slim SuperMulti SATA DVD-RW Drive	
Graphics	NVIDIA Quadro K620 with 2 GB	
Audio	Integrated Realtek HD ALC221-VB audio	
Ethernet	1 x Integrated Intel I219LM PCIe GbE	
Expansion Slots	1 PCIe Gen3 x16, 1 PCIe Gen3 x4 (x4 connector), 1 PCIe Gen3 x4 (x16 connector), 1 PCIe Gen3 x1, 1 PCI (32bit), 1 M.2 PCIe Gen3 x4	
Ports and Connectors	Front: 2 USB 3.0, 2 USB 2.0 (1 charging), 1 headphone, 1 microphone; Back: 4 USB 3.0, 2 USB 2.0, 1 Serial, 2 PS/2, 1 RJ-45, 1 audio line-in, 1 audio line-out; Internal: 1 USB 3.0, 2 USB 2.0	
Input Device	PS/2 Keyboard, PS/2 Optical Mouse,	
Power Supply	1 x 400 W 92% efficient, wide-ranging, active PFC	
Accessories	1 x Re-usable Dust Filter, Front Handle	
OS	Linux Installer Kit with 64-bit Drivers for Red Hat RHEL 5, 6 and 7.	
Display	Type: 23-inch (Performance) IPS Gen 2, LED Backlit, Resolution: 1920 x 1080 @ 60 Hz Aspect Ratio: 16:9 Brightness: 250 cd/m2, Contrast Ratio: 1,000:1, Dynamic Contrast Ratio: 5,000,000:1 Pixel Pitch: 0.265 mm Color Support: 16.7 million colors, <u>Input Connectors</u> : 1 VGA, 1 DisplayPort 1.2 (1.1 compatible), 1 DVI-D (HDCP support on DisplayPort and DVI), Video and Other Input: Plug and Play, Self-Powered USB 2.0 Hub: 1 upstream and 2 downstream ports.	
Warranty	3 Years Parts, 3 Years Labor, and 3 Years Onsite Service.	

Terms and Conditions:

1. The Supplier should attach the **Authorization Certificate** from the Manufacturer.
2. All quotations must reach undersigned on or before 23-Nov-2016.
3. Please attach complete Specification and Details of Product.

4. Quotation must have the Price Validity for at least 60 days.
5. Payment Terms should be clearly mentioned.
6. Delivery Period should not be more than 5 weeks from the date of placing the order and delivery should be at IIT Kanpur.
7. Price must include all Taxes and Charges. Installation charge should not be included. Please mention Unit price, Taxes and Charges separately. All Prices are to be FOR IIT Kanpur.
8. Institute is exempted for payment of Excise Duty under notification No. 10/97 & partially @ 5.15% Custom Duty exemption certificate under notification 51/96 and road permit will be provided if applicable.
9. IIT Kanpur is an educational institute of repute and liable to get Educational Discount from the manufacturer or supplier. Please specify the discount separately.
10. IIT Kanpur reserves the Right of accepting and rejecting any quotations without assigning any reason.

Prof. S. Qureshi,
Department of Electrical Engineering,
I.I.T. Kanpur,
Kanpur – 208016
U.P., India

Office Location: 211-Western Lab,
Phone: +91-512-259-7133
Email: qureshi@iitk.ac.in