



Dr. B. C. Roy Engineering College, Durgapur
Fhuljhor, Jemua Road,
Durgapur-713206, West Bengal, India
www.bcrec.ac.in

TENDER NOTICE

Quotation Notice No: BCREC/MODROBS-VLSI (II)/ECE/2021-22;

Dated: 19/02/2024

Sealed Tenders/ Quotation are invited by the undersigned for the purchase of following Equipment/Items under AICTE-MODROB Scheme (Ref. No: 9-11/IDC/MODROB- REG/Policy-1/2021-22).

Sr. No	Name of the Item	No of item	Specification
1	Workstation/Server	1	Annexure I
2	Digital Multi Meter (Benchtop)	1	Annexure II

Quotation must contain the details of the Annexure-III along with other relevant information and terms and conditions (if required). No standard form for relating to quotation submission is compulsory expected by the college. A self made format is acceptable.

No advance payment is available only Purchase Order/Work Order of the execution of the job. Full payment will be made either by cheque or online transfer mode after successful completion of the work (delivery, successfully installation and satisfactory demonstration).

The work/purchase order will be issued to the L1 bidder as per the GFR rule.

Last date of receipt of sealed tender/quotation is 29/02/2024 before 05:00 PM and tender opening date will be informed latter.

The Institute reserves the right of the rejection of one or all tenders without assigning any reason thereof.

Place of Delivery:

To,
The Principal
Dr. B. C. Roy Engineering College, Durgapur
Fhuljhor, Jemua Road,
Durgapur-713206, West Bengal, India


PRINCIPAL
BCREC

Sanjay S. Pawar
Principal
Dr. B. C. Roy Engineering College
Durgapur

For display in college website for wide circulation

ANNEXURE I

Name of the Equipment: Server

Sl. No.	Items	Quantity	Specification
1	Workstation/Server	01 No	<p>Workstation Details Specification:</p> <p>Form Factor - Tower</p> <p>Processor Make - Intel</p> <p>No. of Processors - 1</p> <p>Processor Configuration - Intel Core i7 7th Gen</p> <p>Type Of Graphics - integrated/Discrete Graphic Card or equivalent</p> <p>RAM Type - DDR4 RAM (Size - 32 GB RAM Expandability - 64 GB)</p> <p>Type of Hard Disk Drive SATA, No. of Hard Disk Drives - 1,</p> <p>No. of DIMM slots - 4, No. of PCIe slots Gen 3.0 (x 1) - 1,</p> <p>No. Of PCIe Slots Gen 3.0 (x 16) - 1 No. Operating System - Win10Pro and Cent OS 6.8 ;Dual Boot OS Certifications - Windows, Redhat Linux, Suse Linux, Linux;Networking Interface - Integrated Gigabit 10/L00/1000</p> <p>No. of USB 2.0 Port - 2 No. No. of USB 3.0 Port - 3 No.</p> <p>No. Of Internal Bays - 3 No. No. Of External Bays - 3 No. optical Drive - DVD WRITER; Display - (antiglare, LED-backlit) ; Display Size - 24 inch Same as make as Workstation; Keyboard & Mouse- Same as make as Workstation Display; Resolution (Full HD Or Better) - 1920x1080 Pixel</p> <p>Warranty - 3 Year;Hard Disk Drive Size - 1000 GB</p> <p>Power Management Unit - Advanced Configuration and Power Interface (ACPI)</p> <p>Availability Of Bundled Softwares - System Health monitoring Tool with H/W box, ROHS Compliance - Yes; TCO Compliance (for Monitors) - TCO-06</p> <p>BIS Registration - Yes; Applications certification From OEM Manufacturing workstation - YES; RAM Speed - 2133 MHz or equivalent; Power & SMPS - Specified by OEM for optimum performance; GPU: Nvidia Gtx 980 or higher, have 4 Gb or more VRAM, pixel shader 5.0 or higher, must be CUDA enabled</p>
2	Workstation/Server	01 No	<p>Processor Specification- Intel i7 13700K</p> <p>RAM Type - DDR5 RAM (Minimum Size - 32 GB RAM Expandability - 64 GB)</p> <p>Mother Board MSI 760DDR5; 1-TB SSD NVME ; 32 GB RAM DDR5 CORSIER</p> <p>Memory slots:- 8 DIMM slots (optional);</p> <p>No. Of PCIe Slots Gen 3.0 (x 16) - 1 No. Operating System - Win10 Pro and Cent OS 6.8 ; Dual Boot OS Certifications - Windows, Redhat Linux, Suse Linux, Linux; Networking Interface - Integrated Gigabit 10/L00/1000</p> <p>No. of USB 2.0 Port - 2 No. No. of USB 3.0 Port - 3 No.</p> <p>Hard Disk Drive Size - 2TB or more</p> <p>NVIDIA GTX 3040 Graphics Card or Higher; System fan features:-Hot Swap</p> <p>Network controller:-1Gb Ethernet Adapter 2 Ports per controller</p> <p>Operating System:- Linux; Power & SMPS :- 900 W or As specified by OEM for optimum performance; Dell 24-inch Display with Key Board and Mouse;</p> <p>Display colors Up to 16.7 million colors supported (through FRC technology)</p> <p>Display type IPS / LED/ LTD Monitor; Input connector 1 VGA; ; 1 HDMI (with HDCP support) ; Display features Anti-glare; In plane switching; Language ion;</p> <p>LED Backlights; On-screen controls; Plug and Play; User programmable</p> <p>Contrast ratio 1000:1 static; 1000000:1 dynamic; Display scan frequency (horizontal) Up to 80 kHz; Aspect ratio 16:9 Resolution (native) 1920 x1080 @ 60 Hz; Display scan frequency (vertical) Up to 60 Hz.</p>

ANNEXURE-II

Name of the equipment: Digital Multi Meter (Benchtop)

Sr. No	Detail Specification	
1	Type	Benchtop
2	Display	4.5 Digit or more
3	Measurement type	True RMS
4	Count	19999 or more
5	AC voltage Measurement	600 volt
6	AC Voltage Accuracy	1%
7	DC voltage Measurement	600 Volt
8	DC Voltage Accuracy	0.2%
9	AC Current Measurement	10 Ampere
10	AC Current Measurement Accuracy	1%
11	DC Current Measurement	10 Ampere
12	DC Current Measurement Accuracy	0.1%
13	Resistance Measurement	20 Mega ohm
14	Resistance Measurement Accuracy	1%
15	Frequency Measurement	200 KHz
16	Frequency Measurement Accuracy	2.0%
17	Capacitance Measurement Range	1 to 100 Micro Farad
18	Capacitance Measurement Range Accuracy	1.5%
19	Continuity Test and Diode Test	Available
20	Overload Protection	Through Fuse
21	Operating Temperature Range	0 to 50°C
22	Power Supply	220V, 50Hz, ~10% Accuracy
23	Accessories to be Supplied with the Equipment	Power Cord, Test Leads, 1 set of range/parameter changing knob extra & Auto tuning
24	Warranty	3 Years
25	Accessories	Power cable, VGA cable, remote control, user manual CD
26	Special features -	Project images on LAN (Wired and Wireless); USB card reader

ANNEXURE-III

(in the letter head of the bidder)

1. Name of the Firm :
2. Official Address :
3. Contact person with designation :
4. Contact Info: e-mail & Mobile no. :
5. Tax Clearance up to last F.Y. :
6. GSTIN/PAN :
7. The cost should be mentioned in INR inclusive of supply installations and testing of these items:

IMP: (i) The equipment must be of as per the specifications.
(ii) Price bid will not be considered for any particular item if make of it is not mentioned.
(iii) Quantity required are approximate which may change during finalization.