TENDER

FOR

Supply & Installation of Desktop Computers, On-line & Offline UPS and Interactive Panel.

Tender Inquiry No. - NPGC/COMP/UGC/PROC/2025-26/11

National Post Graduate College
(Accredited A Grade By NAAC)
Rana Pratap Marg, Lucknow (U.P), India
Pin Code -226001

Tel No. 0522-4021304

Email: nationalpgcollege@gmail.com
Website : www.npgc.in

NOTICE INVITING TENDER

<u>**SUBJECT**</u>**: Supply & Installation of Desktop Computers, On-line & Offline UPS and Interactive Panels** National Post Graduate College (Accredited A Grade by NAAC), An Autonomous College of Lucknow University, Rana Pratap Marg, Lucknow is a reputed Institute for Diploma, Degree and Post Graduate Courses and well known for its academic excellence.

Sealed tenders are invited in two-bid system (Technical & Commercial bid in two separate sealed envelopes contained in one bigger envelope) for the **Procurement of Desktop Computers, On-line & Offline UPS and Interactive Panel.**

(…………………….)
Principal
National Post Graduate College,
2-Rana Pratap Marg, Lucknow.

Contact Person : Mr. Santosh Srivastava

INSTRUCTIONS FOR THE TENDERERS

1. The tender documents can be obtained from the office of the college, from 26th July, 2025 to 11th August, 2025 between 12:00 to 14:00 hours against cash payment of **Rs. 4000/- (Rupees Four Thousand only) (Nonrefundable).** College will provide a receipt against the same.

2. **Documents to be submitted with Technical Bid:**
   - 2.1a. Original Copy of Tender fee receipt.
   - 2.1b. Original Copy of **Earnest Money Deposit** of Rs. 1,20,000.00 (Approx. @2% of financial bid) **through D.D** drawn in favor of 'National P G College **A/C payable**'
   - 2.1c. Original Copy of Blank copy of Tender form with sign and stamp of bidder organization.
   - 2.1d. Copy of GST, PAN and MSME Certificates.
   - 2.1e. Last 3-year Income Tax Clearance Certificate of Tenderer.
   - 2.1f. Last 3-year Audited Balance Sheet of Tenderer. Specifying that the turnover has been at least ₹ 3 crore average.
   - 2.1g. Tender Specific Manufacturer Authorization with clearly mentioning the Tender Number.
   - 2.1h. Bidder must appoint a full time service engineer at the college campus to provide uninterrupted support To maintain SLA of 30-minutes response time and 240-minutes machine uptime for non-part calls, for part calls machine uptime should not exceed more than 72-hours. For this bidder must submit a confirmation on Rs.100 eStmp Paper.
   - 2.1i. Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder should submit undertaking to this effect with Tender on Rs.100 eStamp Paper.

   2.2 OEM Documents – below tender specific with clearly mentioned tender number, OEM certified documents printed on OEM letter head, duly signed and stamped by their authorities with their email id and contact number of quoted Desktop Computer, On-Line & Offline UPS and Interactive Panel as per the specifications clearly mentioned in tender document must be submitted along with technical bid -
   - 2.2a. Last 3-year Audited Balance Sheet of the Manufacturer which should not be of less than 500 crore for every year.
   - 2.2b. OEM Letter for the verification of quoted specifications along with Hardware Security compliance.
   - 2.2c. OEM Letter for the verification of Operating Systems, Application software and Data Security software, If the same is not from Desktop & Laptop Manufacturer, Tender Specific Manufacturer Authorization with clearly mentioning the Tender Number of software manufacturer must be submitted with Technical Bid along with OEM specifications verification letter.

3. All the pages of the tender form should be **signed & bear the official seal of the bidder, otherwise, technical bid shall be rejected.**

4. Any cutting/over writing etc. on the tender document must be signed by the authorized signatory. The rates and units should not be overwritten. **The financial figures in commercial bid should be both in figures and words. In case of any discrepancy in figures and words, the amount written in words shall be considered.**

5. The tender document should be properly sealed in envelope addressed to **The Principal, National P. G. College, Rana Pratap Marg, Lucknow (U.P), India, Pin Code-226001.**

6. The **main envelope should be super-scribed** as "**Tender for the Supply & Installation of Desktop Computers, Online & Offline UPS and Interactive Panel as per Bid Documents**" with its due date. The two sealed envelopes inside the main envelope must be submitted super-scribed as:
   - I) *Envelope No-1: This envelope is for **technical bid** & shall be super-scribed as "**Technical Bid-Tender for the Supply & Installation of Desktop Computers, Online & Offline UPS and Interactive Panel as per Bid Documents**"*
   - II) *Envelope No-2: This envelope is for **commercial bid** & shall be super scribed as "**Commercial Bid-Tender for the Supply & Installation of Desktop Computers, Online & Offline UPS and Interactive Panel as per Bid Documents**"*

7. Technical bid will be opened on 11th August, 2025 at 15:00 hours in the Principal's office. A representative of the Tenderer may remain present during the opening of the tender. The second envelope containing commercial bid of qualified bidders will be opened on the same day, immediately after the Technical-Bid.

Signatures of the Tenderer with seal

TERMS & CONDITIONS

Submission of the duly signed tender document along with necessary enclosers would imply that the conditions of the tender have been read & understood by the Tenderer and is aware of the scope of the supply and the quality of the material. The final acceptance of the tender rests with the Principal National P G College, Lucknow, who reserves the right to accept or reject any or all tenders without assigning any reason thereof.

a) No representation for the enhancement of the cost of the accepted tender or part thereof shall be entertained at any stage after the award of the tender.

b) The delivery of the items, installation and testing must be completed within 45 days from the date of receiving the Purchase Order. In case, tenderer fails to complete the Job within the stipulated period, penalty at the rate of 1% of the purchase value, per week with a maximum of 5% of the purchase value will be charged from the supplier / tenderer. Furthermore, if the supplier / tenderer fails to supply or complete the installation and testing, the earnest money deposit shall be forfeited.

c) The rates quoted shall be inclusive of delivery & installation at destination National P G College, 2 Rana Pratap Marg, Lucknow.

d) Migration of application softwares & data from old machines to the new machines shall be the responsibility of the bidder / tenderer at no extra cost without causing any loss of data or software license.

e) The bidder / tenderer shall also complete the networking of new machines in the existing network of the college without disturbing or causing any harm to the rest of the system.

f) 100% Payment will be made against successful delivery, installation and testing for which the tenderer shall submit bills in duplicate (original + copy) giving the reference number of the supply order along with delivery note.

g) The EMD shall be refunded to the unsuccessful bidders after placing the orders on the successful bidder. In case of successful bidder, the EMD shall be returned along with final payment. No interest on EMD shall be payable.

h) The EMD shall be forfeited in following cases:

   i. If the bidder fails to accept the order based on his offer within the prescribed time.
   ii. If the bidder fails to supply the material with specifications in compliance with the specifications given in technical bid.
   iii. If the bidder delays supply beyond the stipulated period.

i) In the event of any dispute, jurisdiction shall be Lucknow Court only.

Signatures of the Tenderer with seal

Annexure –`A`

TECHNICAL BID

FORMAT & REQUIREMENTS

1. Tender Ref. No:

2. Tender Opening Date & Time: **11th August, 2025 at 15.00 hours.**

3. Name of Tenderer:

4. Tender Price Validity (90-days from the Date of Opening) (Yes/No):

5. Complete office address of Tenderer:

6. Status of Tenderer (Proprietorship /Partnership/Pvt. Ltd / Public Ltd.):

7. OEM /Distributer /Dealer /Partner /Service Provider:

8. GST No. of Tenderer:

9. PAN No. of Tenderer:

10. MSME Status of the Tenderer – Yes /No:

11. Contact details of authorized person of tenderer who has signed the tender document.
    a. Name:
    b. Designation:
    c. Phone:
    d. Email:

12. Due date & Time of submission of bid: **11th August, 2025 at 14.00 hours**

13. EMD payment details (DD number & bank detail):

14. Submission of technical confirmation to the requirement:

Signatures of the Tenderer with seal

TECHNICAL COMPLIANCE OF ITEMS

#	Item Name	Required Specifications	Technical Compliance Yes/No	Offered Make	Offered Model/ Part No.
1	Desktop –Core i5	Make: DELL Intel® Core™ i5 processor 14400			
		14th Gen, 10-Core, 20MB Cache, Processor Base Frequency -2.5GHz, Processor Turbo Frequency –upto 4.7 GHz, Processor Base Power -65 W, Maximum Turbo Power -148 W, Processor Launch Date –Should not be older than Jan 2024			
		RAM 16.0 GB DDR4 – 3200 MHz Non ECC Type: DDR5, 4800 MT/s Expandable upto 64 GB			
		DIMM Slot: 02			
		Intel® UHD Graphics with shared graphics memory			
		Chipset: B660 /Q670			
		Hard Disk: 1024 GB M.2 PCIe NVMe SSD			
		1 FH PCIe x1, 1 FH PCIe x16			
		Ports: USB 2.0 -04 Nos., USB 3.2 Gen 1 Type-A -03 Nos., USB 3.2 Gen 1 Type-C -01 Nos., Display Port (DP) -01 Nos., HDMI 1.4b -01 Nos., Line-out port (For connecting speakers /Head Phones) -01 Nos.			
		10/100/1000 Gigabit Ethernet, Wi-Fi 6 with Bluetooth 5.3			
		Standard USB Keyboard and Optical Mouse			
		Monitor – 21" LED TET Monitor, Technology Type -VA Panel, Resolution -1920 x1080, Power Cable of TFT Monitor inbuilt (No external adapter is acceptable), Inbuilt Speaker -02 Nos.			
		Software's			
		Operating System – Blocks Viruses, Ransomware, Spyware, Rootkits & other malware, automatic background scanning of new files. Files are scanned on-access, dedicated scanner for Rootkit, malware, Scans incoming and outgoing emails, Advanced signature and behaviour based ransomware protection for endpoints, Special scan for cookies and vulnerable objects, Protects USB devices from Auto run malware, Intelligent Firewall, Hardware Asset Management and Changes tracing along with Make Model Number specification and Serial number of each device and their spare parts by Email notifications to multiple users, USB			

#	Item Name	Required Specifications	Technical Compliance Yes/No	Offered Make	Offered Model/ Part No.
		vaccination, GSuit blocking, Centralized quarantine management, USB device whitelist/ blacklist, Application control with MD5 checksum blocking, Pre-defined Category based web filtering with Manual Category filters.			
		Operating Systems - Windows 11 Professional			
		Certification - ROHS, UL, FCC,CE, Windows, Ubuntu, EPEAT, TCO 9.0 for LED TFT Monitor, OEM Certifications - ISO 14001:2015, ISO 9001:2015, ISO 45001:2018			
		Power Supply: 180 W Internal PSU			
		Warranty: 3 Year next business Day On-Site.			
2.	Online UPS 6.0 KVA				
		Make & Model: (Specify)			
		Capacity: 6.0 KVA			
		Type: Floor Standing			
		Display: Multi-functional LCD/LED display			
		Switching Technology: IGBT-PWM			
		Input Voltage: AC Single phase 160V - 260V 50Hz, Large input operating range, eliminates unnecessary battery discharge			
		Output Voltage: AC Single phase 230V +/- 1% 50 Hz			
		Batteries: Without Batteries, inbuilt Advanced Battery Management System, Automatic Battery Charge in UPS Off Mode			
		With Inbuilt isolation transformer, In-built Galvanic Isolation			
		Efficiency: >/=90% with Inbuilt isolation transformer			
		Power Factor: 0.8 or better			
		Overload Limit: 50% Overload for minimum 3 seconds,50% Overload for minimum 1 minute			
		Total Harmonic Distortion: 3% Maximum @ 100% Linear Load			
		Degree of Protection: IP21			
		DC Bus Voltage: 192 Volts			
		Special Features: UPS startup without battery, Static Bypass and Cold Start, Auto-restart Function			
		Filters: EMI/RFI and Noise Filter			
		Compatibility: Generator and Solar Compatible			
		Protection for under voltage at battery terminal, Protection of Over voltage, Short Circuit & over load at UPS output terminal, Over temperature protection			
		Metering: Input Voltage, Output Voltage,			

#	Item Name	Required Specifications	Technical Compliance Yes/No	Offered Make	Offered Model/ Part No.
		Input Frequency, Output Frequency, Input Power, Output Power, Input Power Factor, Output Power Factor			
		Alarms & Indications: Indicator for Mains presence, Indicator for Battery charging and discharging, Indicator for Output Over Load with Audible Alarm, Indicator for Low Battery Voltage with Audible Alarm, Alarm for Over temperature, Alarm for Low Battery			
		Additional Features: Pure Sinewave AC Output			
		Other Features: UPS shall be free from workmanship defects, sharp edges, nicks, scratches, burst, etc. All fasteners shall be fixed properly. The equipment shall be complete with all parts and all parts shall be functional			
		Certifications: BIS, ROHS,			
		Warranty: 3 Years On-Site			
3.	**UPS 1.0 KVA**	Offline UPS 1.0 KVA			
4.	**65 inch Interactive Panel**				
	Make & Model	Hikvision			
	Panel Type	Commercial A grade VA Panel			
	Surface Hardness	9H			
	Glass Bonding Method	Zero Lamination (Zero-gap bonding screen)			
	Surface Treatment	Anti-glare and Anti-fouling			
	Orientation	Landscape			
	Screen Size	65 inch			
	Backlight	DLED			
	Pixel Pitch	0.124(H) × 0.372(V) mm			
	Resolution	3840 × 2160 @60 Hz			
	Aspect Ratio	16:09			
	Refresh Rate	60 Hz			
	Viewing Angle	178°(H)/178°(V)			
	Brightness	400 cd/m² （Typ.）			
	Color Depth	10bit			
	Display Color	1.07G			
	Contrast Ratio	5,000:1 (Static); 30,000:1 (Dynamic)			
	Response Time	8 ms			
	Color Gamut	72% NTSC（CIE1931)(Typ.）			
	Surface Haze	25% Haze			
	Active Display Area	1428.48mmx803.52mm			
	Working Duration	7*16H			
	Lifespan	50,000 hours			
	Touch Type	Infrared Touch Screen			
	Touch Point	Max. 40 point multi-touch support (Android and Windows)			
	Touch Response Time	< 5 ms			
	Minimum Touch Object	≥ 2mm			

#	Item Name	Required Specifications	Technical Compliance Yes/No	Offered Make	Offered Model/ Part No.
	Touch Precision	± 1 mm (≥ 90% touching area)			
	Touch Resolution	32768 x 32768			
	Operation System	Android 13.0			
	Memory	4 GB			
	Built-in Storage	64 GB			
	Processor	Quad-core {Cortex-A55 x 4 (1.92GHz)}			
	GPU	Mali-G52 MP2 (2EE)			
	Loudspeaker	Built-in 2 x 20 W loudspeaker			
	Bluetooth	Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.2			
	Ambient Light Sensor	Yes (Auto Brightness Control)			
	Temperature Control	Yes			
	USB Lock	Yes			
	Video & Audio Input	HDMI In （HDMI 2.0）× 2, Audio In × 1			
	Video & audio output	Audio Out × 1			
	Control interface	TOUCH-USB 2.0 × 1, RS232 × 1			
	NIC	LAN (100 Mbps) × 2, WIFI AP&Station, 2.4G/5G			
	Protocols	WEP, WPA, WPA2, PSK and 802.1X EAP			
	Data Transmission Interface	USB 3.0 × 3, USB 2.0 × 2, Type-C × 1 (Type-C supports USB 2.0)			
	Power Supply	100 to 240 VAC, 50/60 Hz			
	Standby Power Consumption	≤ 0.5 W			
	Average Power Consumption	153W			
	Maximum Power Consumption	184W			
	Accessory	Wall mount bracket, hook, user manual, stylus x 2, packing list,1.5m power cable, (European standard), remote controller			
	OPS	Core i5, 8 GB RAM, 256 GB SSD Hard Disk, Windows 11 Professional, Microsoft Office 2021 or latest Version			
	Operating System and Data Security Software	All the supplied Interactive Panels must be uploaded with Operating System and Data Security Software as per below required specifications -Blocks Viruses, Ransomware, Spyware, Rootkits & other malware, automatic background scanning of new files. Files are scanned on-access, dedicated scanner for Rootkit, malware, Scans incoming and outgoing emails, Advanced signature and behaviour based ransomware protection for endpoints, Special scan for cookies and vulnerable objects, Protects USB devices from Auto run malware, Intelligent Firewall, Hardware Asset Management and Changes tracing along with Make Model Number specification and Serial number of each device and their spare parts by Email notifications to multiple users, USB vaccination, GSuit			

#	Item Name	Required Specifications	Technical Compliance Yes/No	Offered Make	Offered Model/ Part No.
		blocking, Centralized quarantine management, USB device whitelist/ blacklist, Application control with MD5 checksum blocking, Pre-defined Category based web filtering with Manual Category filters (OEM Confirmation of above specifications along with Make and Model Number must be attached with Bid ATC on their Letter head duly signed and stamped by authority)			
	On Site OEM Warranty (Year)	3			
5.	**86 inch Interactive Panel**				
	Make & Model	Hikvision			
	Panel Type	Commercial A grade VA Panel			
	Surface Hardness	9H			
	Glass Bonding Method	Zero Lamination (Zero-gap bonding screen)			
	Surface Treatment	Anti-glare and Anti-fouling			
	Orientation	Landscape			
	Screen Size	86 inch			
	Backlight	DLED			
	Pixel Pitch	0.165(H) × 0.494(V) mm			
	Resolution	3840 × 2160 @60 Hz			
	Aspect Ratio	16:09			
	Refresh Rate	60 Hz			
	Viewing Angle	178°(H)/178°(V)			
	Brightness	400 cd/m² （Typ.）			
	Color Depth	10bit			
	Display Color	1.07G			
	Contrast Ratio	5,000:1 (Static); 30,000:1 (Dynamic)			
	Response Time	8 ms			
	Color Gamut	72% NTSC （CIE1931)(Typ.）			
	Surface Haze	25% Haze			
	Active Display Area	1895.04mm x 1065.96mm			
	Working Duration	7*16H			
	Lifespan	50,000 hours			
	Touch Type	Infrared Touch Screen			
	Touch Point	Max. 40 point multi-touch support (Android and Windows)			
	Touch Response Time	< 5 ms			
	Minimum Touch Object	≥ 2mm			
	Touch Precision	± 1 mm (≥ 90% touching area)			
	Touch Resolution	32768 x 32768			
	Operation System	Android 13.0			
	Memory	4 GB			
	Built-in Storage	64 GB			
	Processor	Quad-core {Cortex-A55 x 4 (1.92GHz)}			
	GPU	Mali-G52 MP2 (2EE)			

#	Item Name	Required Specifications	Technical Compliance Yes/No	Offered Make	Offered Model/ Part No.
	Loudspeaker	Built-in 2 x 20 W loudspeaker			
	Bluetooth	Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.2			
	Ambient Light Sensor	Yes (Auto Brightness Control)			
	Temperature Control	Yes			
	USB Lock	Yes			
	Video & Audio Input	HDMI In （HDMI 2.0）× 2, Audio In × 1			
	Video & audio output	Audio Out × 1			
	Control interface	TOUCH-USB 2.0 × 1, RS232 × 1			
	NIC	LAN (100 Mbps) × 2, WIFI AP&Station， 2.4G/5G			
	Protocols	WEP, WPA, WPA2, PSK and 802.1X EAP			
	Data Transmission Interface	USB 3.0 × 3, USB 2.0 × 2, Type-C × 1 (Type-C supports USB 2.0)			
	Power Supply	100 to 240 VAC, 50/60 Hz			
	Standby Power Consumption	≤ 0.5 W			
	Average Power Consumption	268W			
	Maximum Power Consumption	326W			
	Accessory	Wall mount bracket, hook, user manual, stylus x 2, packing list,1.5m power cable, (European standard), remote controller			
	OPS	Core i5, 8 GB RAM, 512 GB SSD Hard Disk, Windows 11 Professional, Microsoft Office 2021 or latest Version			
	Operating System and Data Security Software	All the supplied Interactive Panels must be uploaded with Operating System and Data Security Software as per below required specifications -Blocks Viruses, Ransomware, Spyware, Rootkits & other malware, automatic background scanning of new files. Files are scanned on-access, dedicated scanner for Rootkit, malware, Scans incoming and outgoing emails, Advanced signature and behaviour based ransomware protection for endpoints, Special scan for cookies and vulnerable objects, Protects USB devices from Auto run malware, Intelligent Firewall, Hardware Asset Management and Changes tracing along with Make Model Number specification and Serial number of each device and their spare parts by Email notifications to multiple users, USB vaccination, GSuit			

#	Item Name	Required Specifications	Technical Compliance Yes/No	Offered Make	Offered Model/ Part No.
		blocking, Centralized quarantine management, USB device whitelist/ blacklist, Application control with MD5 checksum blocking, Pre-defined Category based web filtering with Manual Category filters (OEM Confirmation of above specifications along with Make and Model Number must be attached with Bid ATC on their Letter head duly signed and stamped by authority)			
	On Site OEM Warranty (Year)	3			

Signature of the Tenderer with seal

Annexure –`B`

COMMERCIAL BID

FORMAT & REQUIREMENTS

1. Tender Ref. No.:

2. Name of the Tenderer:

#	Item Details	Model/ Part No.	OEM Make	Qty.	Rate w/o Taxes	Taxes	Total with Taxes
1	Desktop Core i5			72			
2	Online UPS 6.0 KVA			05			
3	Offline UPS 1.0 KVA			01			
4	65-inch Interactive Panel			01			
5	86-inch Interactive Panel			01			

Total Price Inclusive of all Taxes -

Note: Tentative quantity may Increase/ Decrease

Signature of the Tenderer with seal

Date & Time

*********************END OF TENDER DOCUMENT********************