B.R.A. BIHAR UNIVERSITY
MUZAFFARPUR

INVITING RATE QUOTATION NOTICE

Sealed Rate Quotation on prescribed Bill of Quantity are invited by the undersigned from the working contractor of the University/ Reputed Company or Registered contractor of the Govt. departments of appropriate class and category having sufficient experience in execution of similar nature of works, for the work mentioned below which will be received up to 3 P.M. on **10.03.2026** and will be opened on the same day in presence of the tendered or their authorized agents at **3.30 P.M.**

Terms and Conditions

(1)   Tender papers will be issued only to eligible contractors on production of original and submission of self attested copies of: (a) GST Registration/Clearance Certificate.

(2)   No tender papers will be issued to those contractors, who have not completed the allotted work in time or are black listed by any works department or have not started the work after execution of Agreement. Self attested Affidavit in this regard is required to be enclosed with the application for issuing B.O.Q.

(3)   The Bill of Quantity can be obtained from the office of the Executive Engineer on any working day up to 1 P.M. on or before the date **21.02.2026**

(4)   The contractor has to submit self attested copy of:
(a) Certificate of Registration (Optional)
(b) GST Registration/Clearance Certificate, G.S.T. Return if any.
(c) Copy of I.T. PAN Card, I.T. Return if any.
(d) Existing commitment.
(e) Self attested Affidavit (Performa attached)

(5)   The undersigned reserves the right to reject any all tenders without assigning any reason whatsoever.

(6)   The works have to be completed in time schedule otherwise University will be free to take any action in this regard.

(7)   Other terms and conditions can be had from the office of the Executive Engineer during office hours on any working day but one day before the date of opening of the tender.

(8)   All the papers must be self attested.

(9)   Interested agencies may obtain detailed rate tender documents from the office of the undersigned.

Name of Work:-

1. **Installation of CCTV Cameras and Installation of Jio Fiber Internet Connectivity in Department, Central Library, Guest House and Administrative Block at B.R.A.B.U., Muz.**
2. **Installation of Software and Biometric Attendance System for monitoring attendance of constituent Colleges along with University faculty and Staff at B.R.A.B.U., Muz.**

Sd/-
Executive Engineer

Mmemo No. Engg/D-----3132-33---/Dated, the------20/02/--------2025.

Copy forwarded to A.E. (Electrical)/J.E.(Electrical)./P.A. to V.C./S.O. Registrar Office/F.O./University Notice Board/University web site www.brabu.net B.R.A.B.U. , for information and wide publicity.

20-2-26

O/C

Executive Engineer

32 Channel Network Video Recorder

Specifications		Compliance (Yes/No)	Remarks
Video			
IP Video Input	32CH IPC input		
Incoming/Outgoing Bandwidth	192Mbps / 192Mbps		
IP Video Input Resolution	12MP/8MP/5MP/3MP/1080P/720P/D1/CIF		
Output	HDMI Video Output		
Compression	H.265/ H.264		
Multi-screen Display	1/4/6/8/9/13/16/25/32/36		
Audio			
Network Input	32 CH IPC audio input		
2-way Audio	Yes		
Local Output	RCA × 1		
Compression	G.711		
Record			
Resolution	12MP/8MP/5MP/3MP/1080P/720P/D1/CIF		
Playback			
Simultaneous Playback	Max. 16 CH		
Search	Date & Time, Camera		
Function	Play, pause, FF, FB, digital zoom, etc.		
Alarm			
Type	Manual, Sensor, Motion, Exception, Events, etc.		
Network			
Interface	RJ 45 1000 Mbps × 2		
Protocol	TCP/IP, IPv4, IPv6, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, RTSP, ONVIF Protocol		
Client Connection	Max. 20 users access		
Storage			
HDD Interface	SATA × 4, max 10T for each HDD		
Backup			
Local Backup	U disk, USB mobile HDD		
Network Backup	Yes		
Port			
USB Port	USB2.0×2, USB3.0×1		
Others			
Working Environment	0°C ~ 50°C		
Certificate	BIS		
Environmental Protection	Directive EU RoHS		

08 Port Gigabit Desktop Switch

Specifications		Compliance (Yes/No)	Remarks
Features			
Power Adapter	5V/1A Power Adaptor		
Consumption	Maximum AC Input 5.12 W		
Device Interface	8 x Gigabit Ethernet LAN ports		
Transmission Method	Store-and-forward		
Transmission Medium	Cat5/5e/6 standard network cable		
Network Standard	IEEE802.3/802.3u, IEEE802.3x,IEEE802.ab		
Switching Capacity	2000 Mbps (full duplex)		
Packet Buffer Memory	192 KB		
MAC Table	4K		
Packet Forwarding rate	Ethernet: 14.880 pps per port, Gigabit Ethernet: 1,488,000 pps per port, Fast Ethernet: 148,800 pps per port		
LED Indicator	Per port: Link/Activity		
Working temperature	0'C to 44'C		
Relative Humidity	10% to 90%		

Dual Band Wi-Fi Router

Specifications		Compliance (Yes/No)	Remarks
Features			
Frequency	2.4 GHz and 5 GHz		
Wireless Function	Enble/Disable Wireless Radio		
WAN Type	Dynamic IP/Static IP/PPPoE/PPTP (Dual Access)/L2TP (Dual Access)		
Management	Access Control, Local Management, Remote management		
DHCP	Server, DHCP Client List, Address Reservation		
Port Forwarding	Port Forwarding, Port Triggering, Upnp, DMZ		
Access Control	Parental Controls, Local Management Control, White List, Black List		
Antenna	4 Fixed Omni Directional Antennas		
Ethernet Ports	1 x 10/100/1000 Mbps		
WAN Ports	4 x 10/100/1000 Mbps LAN Port		
Buttons	WPS/Wi-Fi Button, Power On/Off Button, Reset Button		

FINANCIAL BID

No.	Particulars	Item Description	Qty.	Unit	Rate Per Unit	Total
1	NVR	32 channel NVR, H.265/H.264 Video Compression, Maximum resolution supported upto 12MP, 192 Mbps Network Bandwidth (incoming/outgoing), TCP/IP, IPv4, IPv6, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, RTSP, ONVIF Protocol, RJ45 10/100/1000 Mbps × 2 interface, 4 Sata supported per sata 10 TB capacity, USB 3.0 x1, USB 2.0 x2 **(As Per Annexure -I)**	1	Pc.		
2	8 Port Gigabit Desktop Switch	8 Port Gigabit Desktop Switch, Gigabit Ethernet Upto 2000 Mbps in full duplex mode, Support IEEE 802.3az Energy Efficient Ethernet (EEE) standard, IEEE 802.3x flow control, Certified CE Class B, FCC Class B **(As Per Annexure -I)**	1	Pcs.		
3	HDD	8 TB Hard Disk Drive (Surviellance)	4	Pcs.		
4	Dual Band Wi-Fi Router	Full Gigabit Dual Band Wi-Fi Router, 4 Antenna, Ethernet Ports : 1 x 10/100/1000 Mbps WAN Port, 4 x 10/100/1000 Mbps LAN Port, WPS, Wi-Fi, Dual Band 2.4 GHz and 5 GHz, Server, DHCP, Port Forwarding, Port Triggering, DMZ, UpnP, IPv4, IPv6, Access Control, Local Management, Remote Management, Parental Control **(As Per Annexure -I)**	1	Pcs.		
5	4U Rack	4U Network Rack	1	Pcs.		
6	Installation	Installation, configuration, testing, and commissioning of new Network Video Recorder (NVR) at college locations under the University, integration and configuration of existing IP cameras of various makes with the new NVR, IP mapping and channel configuration, and enabling LAN/Internet connectivity at the college premises.	1	Pcs.		
7	Service	On Site Service for 2 Year After work Completion	1	Pcs.		
8	Software	System should be provided with suitable software for monitoring, archiving, replay of stored files. Software should be able to connect all the cameras. Making the NVR ready for centralized live view and playback at the University Control Room.	1	Pc.		