

केंद्रीय विश्वविद्यालय/A Central University

कुल सचिव का कार्यालय / OFFICE OF THE REGISTRAR

तेजपुर - 784028, असम /TEZPUR - 784028, ASSAM



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नाक' द्वारा 'ए+' ग्रेड प्राप्त, एनआईआरएफ रेंकिंग में भारत के शीर्ष 100 विश्वविद्यालयों में स्थान प्राप्त NAAC Accredited with "A+" Grade. Amongst India's Ton 100 Universities in NIRF Ranking

NOTICE INVITING BID

TU/GeM/BoQ-Bid(168-A)/2024-25/ 4188 Date: 21-03-2024

Bids in 02 Bid System (**Technical and Financial**) are invited on GeM from OEM/authorized dealers for supply and installation of "**IP Based CCTV Solutions**" with specifications as detailed in **Annexure I – Part I &II** below for Tezpur University, Tezpur, Assam- 784028.

Please read the Bid document carefully before participating. It shall be deemed that submission of bid by the bidder has been done after their careful study and examination of the Bid terms and conditions with full understanding to its implications. Any lack of information shall not in any way relieve the bidder of its responsibility to fulfill its obligations under the Bid.

The University will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for, or in executing, the Purchase Order. Fraudulent Practice means a misrepresentation of facts in order to influence a procurement process and includes collusive practice among bidders (prior to or after Bid submission) designed to establish Bid prices at artificial non-competitive levels and to deprive Tezpur University of the benefits of free and fair competition. Corrupt Practice means offering, giving, receiving or soliciting of anything of value, pressurizing to influence the action of a public official in the process of this purchase execution.

For any queries/doubt please contact the Stores & Purchase Section (e-mail: snp@tezu.ernet.in) or in the email id mentioned in the GeM Bid.

A. GENERAL TERMS & CONDITIONS:

- i) Rates: Rates quoted should be on FOR Tezpur University, Napam, Tezpur, Door Delivery Basis, for indigenous items and CIP Tezpur University, Napam, Tezpur or Delivered Duty Paid, for imported item. Failure to comply with this term may lead to rejection of the quotation.
- ii) Quotations should be accompanied by:
 - (a) An EMD (in the form of Demand Draft/Banker Cheque) for Rs. 4700/- (Rupees Four Thousand Seven Hundred only) drawn in favor of Registrar, Tezpur University, payable at Tezpur. No request for consideration of earlier deposited EMD will be considered.
 - (b) ii) Bidders who are MSME/NSIC registered needs to furnish a "Bid Security Declaration" (format enclosed at Annexure II) in lieu of EMD accepting that if they withdraw or modify their bids during process of bidding, they will be suspended for a period of Three (03) years from participating in any future bid invited/published by Tezpur University. Bidders who are MSME/NSIC registered seeking exemption from payment of EMD are to submit valid documents in support of their claim. Bidders seeking exemption are asked to clearly mention the category under which exemption is claimed. The category of exemption under MSME/NSIC will be strictly adhered to.
 - (c) The original copies of the EMD/Bid Security Declaration should be deposited/submitted/reach the office of the undersigned before opening of the Technical Bids in an envelope superscribed as "Quotation/Participation Fee and EMD for TU/GEM/BOQ-BID/(168-A)/2024-25/4188DT- 21-63-24 addressed to the Deputy Registrar-GA, Tezpur University. Failure to do so shall result in rejection of the bid.



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ONE EARTH ONE FAMILY ONE FUTURE

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- Bidders/Tenderers are to ensure that they are GST compliant and that their quoted tax structure/rates are as per GST law. The rates should be exclusive of taxes and applicable tax percentage should be clearly indicated. Financial/Price Bid format where taxes cannot be mentioned separately, in such cases, the percentage of taxes applicable should be mentioned in the Technical Bid document.
- iv) Validity of Quotation: Quoted rates must be valid for at least 180 days from the last date of submission of quotation.
- v) Applicable levies, surcharge and discounts should be clearly indicated item wise.
- vi) The rates should be quoted along with supporting documents of specifications and technical features and list of users, wherever applicable.
- vii) Literature a must: All the quotations must be supported by technical leaflet/literature and the specifications mentioned in the quotation must be reflected/ supported by such technical leaflet/ literature. The model and specifications quoted should invariably be highlighted in the leaflet/literature for easy reference.
- viii) After Sales Service Guidelines: In case of imported goods, bidders should clearly state the detailed address, contact number and email ids of 'after sales service centre' preferably in Tezpur/Guwahati, India or any place in Assam without which their offers shall be liable for rejection. Service against any complaint must be provided within 24hours.
- Dealership Certificate: Dealers or Agents quoting on behalf of Manufacturer must upload valid dealership certificate.
- x) Quality Certificates: Valid certificates as mentioned herewith, to prove that the products are genuine and of international standard must be uploaded (if applicable):
 - a) Manufacturer's certificate
 - b) ISO/ISI certificate.
- xi) Genuine Pricing: Vendor is to ensure that quoted price is not more than the price offered to any other customer in India to whom this item has been sold, particularly to Universities/IITs/Institutes and other Government Organization.
- xii) Payment:100% payment after successful delivery, installation, commissioning and acceptance by the end user department.
- xiii) **PENALTY FOR DELAYED DELIVERY**: The date of delivery should be strictly adhered to. In the event of delayed delivery, installation & commissioning, the vendor shall be liable for a penalty deduction/liquidated damages as per prevailing rules.
- xiv) The University is exempted from paying Custom and Excise duty. An Exemption Certificate will be provided on request.
- xv) One-year warranty to be provided on all applicable items. .
- xvi) Irresponsive/incomplete quote will be rejected.
- xvii) Conditional tenders not acceptable: All the terms and conditions mentioned herein must be strictly adhered to by all the vendors. Conditional tenders shall not be accepted on any ground and shall be rejected straightway. Printed conditions mentioned in the tender bids submitted by vendors will not be binding on Tezpur University.
- Enquiry during the course of evaluation not allowed: No enquiry shall be made by the bidder(s) during the course of evaluation of the tender till final decision is conveyed to the successful bidder(s). However, the Purchase Committee or its authorized representative (Tezpur University) can make any enquiry/seek clarification from the bidders. In such a situation, the agency must extend full co-operation. The bidders may also be asked to arrange demonstration of the offered items, in a short period notice, as such the bidders have to be ready for the same.
- xix) Termination for default: Default is said to have occurred:
 - a. If the equipment or any of its component is found having poor workmanship, faulty



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designs, poor performance and bad quality of materials used.

b. If the supplier fails to deliver any or all of the services within the time period(s) specified in the purchase order or any extension thereof granted by Tezpur University.

c. If the supplier fails to perform any other obligation(s) under the contract.

d. Under the above circumstances Tezpur University may terminate the contract / purchase order in whole or in part and forfeit the EMD/PBG as applicable. In addition to above, Tezpur University may at its discretion also take the following actions: Tezpur University may procure, upon such terms and in such manner, as it deems appropriate, goods similar to the undelivered items/products and the defaulting supplier shall be liable to compensate Tezpur University for any extra expenditure involved towards goods and services obtained. Besides, the Vice-Chancellor, Tezpur University, and reserves the right to impose any other form of penalty as deemed fit including blacklisting of the vendor.

B. Selection criteria:

i. Evaluation Criteria:

To ensure that each bidder has the necessary qualifications and resources to fulfill its obligations under the contract, the submitted bids shall be evaluated on the criteria of eligibility, requisite experience & support service framework (if applicable). Upon passing of the bids in the aforesaid criteria, the technical bids shall be evaluated and ranked by the award of ACCEPT and/or REJECT. In case a joint venture makes a bid, any one of the members of the joint venture need to be qualified for each of the criteria mentioned below.

ii. Non Blacklisting Criteria:

a. The bidder or the OEM should not be blacklisted by Tezpur University or any other Educational /R&D/ PSU/ Govt organizations. A certificate or undertaking to this effect must be submitted in company/firm letterhead; sealed and signed.

iii. Financial bid evaluation

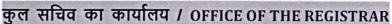
Technical bids will be evaluated and ranked by the award Accepted & Rejected. Only the technically qualified bids shall be considered for financial bid evaluation.

iv. <u>Delivery Period</u> The delivery installation and commissioning should be completed within 30 Days of the award of BID without any deviation.

Deputy Registrar Tezpur University



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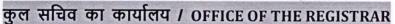
Annexure- I

Basic Eligibility Criteria

- 1. The Bidder must submit the Manufacturer's Authorization Form with the Technical bid.
- The bidder must have previous experience in sales/service of CCTV. In this regard, at least two such purchase orders for the supply and installation of CCTV must be submitted with the Technical Bid, that are not older than 5 years.
- 3. Documentary evidence of the functional office of the Company/Firm in Northeast India must be provided.
- 4. * Self-Attested PAN, GST Certificate, and Trade License must be submitted.
- 5. A self-attested copy of the Registration Certificate of the Company/Firm must be provided.
- 6. A list of customer bases in Northeast India must be shared.
- A list of service/support personnel with qualification and their place of posting must be clearly stated and submitted with the technical bid.



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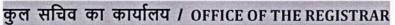
Annexure- II

General Terms and Conditions

- 1. Items 1, 2, 3, and 7 must be from the same OEM.
- All dome cameras must be mounted with proper wall/ceiling mounting hardware from the same OEM.
- 3. There should be a one-year comprehensive warranty on items 1, 2, 3, 6, and 7.
- During repair and maintenance of any installed hardware, alternative working hardware must be provided at the site.
- 5. All installations should be performed cleanly without damaging wall surfaces and cables.
- The Compliance Sheet must be submitted along with the technical bid. An incomplete compliance sheet may lead to the rejection of bids.



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ANNEXURE III

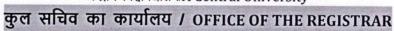
Technical Compliance Sheet

(To be submitted on company/firm letterhead; sealed and signed)

	SPECIFICATION SHEET FOR CCTV SOLUTION				
S/N	Particulars	Specifications	Qty	Compliance (Y/N)	
1	4 Megapixel IP Dome Camera	[12] 在14.1.2.2.2.2.1.1.1.2.2.2.2.2.2.2.2.2.2.2	8 no		
1	Image Sensor	1/2.8" Progressive Scan CMOS			
2	Min. Illumination	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR	-		
3	Max. Resolution	2688 × 1520 @25fps or better	1		
4	Shutter Speed	1/3 s to 1/100,000 s	-		
5	Slow Shutter	Support	1		
6	Lens	2.8 mm, horizontal field of view: 108°	1		
7	Lens Mount	M12	-		
8	Iris	F1.6	1		
9	Day & Night	IR cut filter	1		
10	DNR	3D DNR	1		
11	Wide Dynamic Range	120dB			
12	3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°			
13	Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264			
14	Н.265 Туре	Main Profile	1		
15	Video Bit Rate	32 Kbps to 16 Mbps	1 1 2		
16	Resolution	Main Stream: 25fps (2688 × 1520)			
17		Sub Stream: 25fps (640 × 480)			
18		Third Stream: 25fps (1280 × 720)			
19	Audio	In-Built Audio	7		
20	Image Enhancement	BLC/3D DNR			
21	ROI (Region of Interest)	Support 1 fixed region for main stream and sub stream separately			
22	Local Storage	Support microSD/SDHC/SDXC card (128G) local storage,			
23	Network Storage	NAS (NFS,SMB/CIFS), ANR			
24	Alarm Trigger	Motion Detection, Tampering Alarm, Network Disconnected, IP Address Conflict, Illegal Login, HDD full, HDD error	e.		
25	Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6		w'	
26	Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI	-		
27	General Function	One-key Reset, Dual-VCA, Anti-Flicker, Heartbeat, Mirror, Password Protection, Privacy Mask, Watermark, IP Address Filter			
28	Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port	-		



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29	Smart Features	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection		la l
30	Face Detection	YES		CONTRACTOR OF
31	Power Supply	12 VDC ± 25%, 6W PoE(802.3af, 42.5 – 57V, class 3), 7W		
32	IR Range	Up to 30 m		
33	Protection Level	IP67		
34	Certification	CE,FCC,UL, BIS	1	
2	32 Channel NVR		1 no	
1	Network Video	32-channel		
2	lnput Audio lnput	1-ch,3.5mm		
3	Incoming Bandwidth	320Mbps		
4	Outgoing Bandwidth	320Mbps		
5	Array Type	RAID0,RAID1,RAID5,RAID6,RAID10		
6	Mobile Software	P2P/IP for IOS & Android	172-1978	
7	Internet Protocol	TCP/UDP/HTTP/MULTICAST/UPNP/DHCP / PPPoE / DDNS/FTp/NTp/RTSp/SMTP/SADP/SNMP Etc.		
8	Video Compression	H.254/ H.265/Motion JPEG/MpEG4 and additional if any		η-
9	Video Output	1 CH VGA output (1920x1080@ 60Hz 1280x1024@60Hz) 2 Ch HDMI output		1115
10	Video Bit Rate	16-8000Kbps	1 1	
11	Video Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF		
12	Intelligent Detection	support smart IPC intelligent function: Target counting, left/lost, area detection, Face Detection, line crossing detection, motion detection, Scene change Detection, video loss, Video tampering		
13	Audio input & output	1 CH RCA port & 1 CH RCA port	- 31	
14	Playback Ability	support 4CH 4K, 5MP/9 CH, 3MP/16 CH 1080P record sync playback		alca.
15	Playback Mode	Instant playback, Local video, local image, External file playback		
16	Storage Interface	8 SATA interfaces for 8 HDDs		
17	Storage Capacity	Up to 10TB capacity for each HDD	1	
18	Backup Method	USB mobile hard disk, U disk, network backup	1	
19	Network Interface	2 RJ45 100M/1000M adaptive Ethernet port		7377
20	Serial Interface	1X RS-485, 1X RS-232		-
21	USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0		
22	Network Protocols	IPv4, IPv6, FTP,TCP/IP, HTTP, HTTPS, DDNS, SMTP(SSL), DHCP, PPPoE, UPnP, NTP, P2P, QoS, SNMP, ICMP		
23	Interface Protocol	ONVIF, RTSP	+	
24	Protocol port	ONVIF/RTSP/HTTP/HTTPS/RTMP port customized	-	
25	Security	Password Protection	-	
26	Power Supply	DC12V 5A, 100 to 240 VAC		
27	Power Consumption	35W (Without HDD)		



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वसुदेश कुटुन्बकन् ०१४ १८४४ - ०१४ ४८४५ - ०१४ १८७॥

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28	Operation Temperature/ humidity	(-10C°-55°C/10 %-90%)		
29	Certification	BIS, CE ,FCC,UL		
3	8 Port POE Switch		1 no	
1	POE port	8 × gigabit PoE ports (10/100/1000 Mbps)		- 30
2	Uplink SFP Port	2 × gigabit SFP port with Gigabit Copper module loaded	-	
3	Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z		
4	Forwarding mode	Store-and-forward switching		
5	MAC address Table	4 K	1745	
6	Switching capacity	20 Gbps		
7	Packet forwarding rate	14.88 Mpps	W	
8	PoE standard	IEEE 802.3af, IEEE 802.3at	Series 1	
9	PoE port	Ports 1 to 8	100	
10	PoE power budget	110 W		
11	Max.Power per port	30 W		
12	VLAN	Support 128 VLANs.	2000	
13	STP	Support STP and RSTP.		
14	Device maintenance	Support remote upgrade, recovering default parameters, viewing logs, configuring basic network parameters, import and export configuration, time sync	Tv 1	
15	SNMP	Support SNMPv1 and SNMPv2c, the node information for system and interfaces acquisition		
16	Protection Level	6 KV surge protection		
17	Operating temperature	(0°C to 40°C)		
18	Storage temperature	(-40°C to 85°C)		
19	Operating humidity	5% to 95%		
20	Storage humidity	5% to 95%		
21	Power supply	48 VDC, 2.5 A	F 14.15	
22	Power consumption	120 W		
4	Network rack (6U)		1 no	War in
1	Size	6U		
2	Mount type	Wall mount		
3	Depth	upto 500mm		
5	Front Door	Transparent Toughened Glass		
6	Side Doors Back Door	Perforated Pain		
7	Material	CRCA Steel	-	
8	Cable Entry	Top and Bottom	-	
9	No. of Fan	1 Set on top		
10	Front lock	yes	1 1	7
5	UTP cable		2 roll	
1	Standard	Category 6 cable conforming to ANSI/TIA/EIA-568 C.2 latest or ISO/IEC:11801 latest, ROHS Compliant		ETV #
2	Conductor	23 AWG Solid bare Copper (4 pair)	1	
3	Insulation	High Density Polyethylene	-	
4	Sheath	FR-PVC		
1	Cable Diameter	6.1mm nominal	J L	



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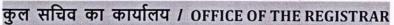
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6	Roll length	305meters	1 1	
6	1 KVA UPS		1 no	107.1
1	Rating	1000VA	THE	
2	Input Voltage	160-280VAC		
3	Input Frequency	45-55Hz		
4	Output Voltage	230VAC		
5	Transfer time	<5ms		
6	Output Voltage regulation	230 +/- 10%		
7	Output Wave form	Stepped Sinewave		
8	Backup time	30min	1 [
9	Certifications	ISO 9001, ISO 14001, OHSAS 18001, CE, IEC 62040-1, IEC-62040-2, RoHS	-174	n al
7	2 TB Hard disk		3 no	1,71
1	Туре	HDD		
2	Interface	SATA		
3	FF	3.5"	0.100	
4	Capacity	2TB		
5	Compatible	Compatible with quoted NVR	116	
8	Casing& Capping Pipe 1.5 inch	PVC with ISI Mark	50 mtr	li jalon
9	PVC round pipe 3/4	PVC with ISI Mark	90 mtr	
10	PVC flexible pipe 3/4	PVC with ISI Mark	1 roll	
11	4 x 4 PVC board	PVC with ISI Mark	8 no	
12	Installation and Commissioning	Standard	1 Job	



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(To be submitted on Company's/Firm's Letterhead signed and sealed)

Bid-Security Declaration Form

Date:

Bid

To (insert complete name and address of the purchaser)

I/We, the undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Security Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of three year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

- (a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- (b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or recuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration).

Name: (insert complete name of person signing he Bid Securing Declaration)
Duly authorized to sign the bid for an on behalf of: (insert complete name of Bidder)

Dated on day of (insert date of signing)

Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)