

OFFICE OF THE REGISTRAR : BODOLAND UNIVERSITY

Debargaon, P.O. Rangalikhata
Kokrajhar – 783370, BTC, Assam.
bodolanduniv@gmail.com



Tel./Fax No. 03661-277183 (O)

Ref. No. BU/PMBCL/CCTV/2015/13

Date – 03/02/2023

Expression of Interest (EOI)

The Bodoland University invites Expression of Interest (EOI) from experienced and registered firms for the Supply, Installation, Testing and Commissioning of surveillance system with Accessories”, in the Central Library Bodoland University, Kokrajhar

Supply and work	Supply, Installation, Testing and Commissioning of surveillance system with Accessories
Cost of EOI Documents	Rs. 1000.00(One Thousand only)
Completion Period	60- days from the date of issue of supply order
Last Date / time of receipt of EOI	08/02/2023 Office of the Registrar, Bodoland University, Debargayon, Rangalikhata, Kokrajhar-783370
Date of opening of Tender	At 1200 hrs on 08.02.2023.

Registrar
Bodoland University

Copy to :-

1. The P.S to the V.C for kind appraisal
2. The P.S.to the Finance Officer for information.
3. The Librarian (i/c), for information.
4. The Member Secretary, Tender Committee for information.
5. The System Administrator for upload in university website.
6. Office copy.

Registrar
Bodoland University

Eligibility of bidders and General Instructions:

- | <u>Sl No</u> | <u>General Instructions:</u> |
|--------------|---|
| 1 | Due Date: The tender has to be submitted on or before the last date. Quotations received after the last date and time will not be considered. |
| 2 | Preparation of Bid: The offer/bid should be submitted in single bid systems (i.e.) Technical bid and financial bid both together. The technical bid should consist of all technical details along with commercial terms and conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid. |
| 3 | Opening of the tender: The Quotations will be opened by the Tender Opening committee in presence of bidder's representative if available. Only one representative will be allowed to participate in the tender opening. Bid received without Application Fee's will be rejected straight way. The technical bid will be examined by a technical expert. |
| 4 | Acceptance/ Rejection of bids: The University reserves the right to reject any or all offers without assigning any reason. The University may adopt other criteria for disqualification of a bidder as it may consider appropriate. Such Criteria may include the following: - <ul style="list-style-type: none">• a) Failure of any Bidder (s) to provide all of the information /documents required in the bid proposal or any additional information /documents as sought by the University including supporting documents.• b) Non receipt of Bid proposal on or before due date and time• c) Misrepresentation in the Bid proposal• d) Non Payment of Tender Fee |

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Pre-qualification criteria:

- (i) Bidders should submit the manufacturer Authorization letter, from original equipment manufacturer (OEM) on the same and specific to the tender should be enclosed.
- (ii) An undertaking from the OEM is required stating that they would facilitate the bidder on a regular basis with technology/product updates and extend support for the warranty as well.
- (iii) Non-compliance of tender terms, non-submission of required documents, lack of clarity of the specifications, contradiction between bidder specification and supporting documents etc. may lead to rejection of the bid.
- (iv) In the tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
- (v) Tenderer Should have registered in Assam and trading experience since last 3-4 Years.
- (vi) Bidder should have Experience of executing at least 4 (Four) Single work order .
- (vii) The bidder should quote for all the items in the tender as a package only. The comparative statement will be made as a package only. Bidder who doesn't quote for all the items as per the given Tender Specifications are subject to be disqualified.
- (viii) Bidder are requested to check the existing CCTV before bidding so that it can be installed in line with existing system.
- (ix) Made in India product will be given preference.

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Delivery: Delivery of the goods should be made within a maximum of **7days** from the date of receiving the Purchase Order.

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Delayed delivery: If the delivery is not made within the due date for any reason, the University will have the right to impose penalty **2% per** week and the maximum deduction is 10% of the contract value / price.

8

Prices: The price should be quoted in net per unit (after breakup) and must include all packing and delivery charges. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account

9 **Inspection and Tests:** Inspection and tests prior to shipment of Goods and at final acceptance are as follows:

- The acceptance test will be conducted by the Purchaser, their consultant or other such person nominated by the University at its option after the equipment is installed at purchaser's site in the presence of Bidder's representatives. The acceptance will involve trouble free operation and ascertaining conformity with the ordered specifications and quality. There shall not be any additional charges for carrying out acceptance test. No malfunction, partial or complete failure of any part of the equipment is expected to occur. The Bidder shall maintain necessary log in respect of the result of the test to establish to the entire satisfaction of the Purchaser, the successful completion of the test specified.
- In the event of the ordered item failing to pass the acceptance test, a period not exceeding one weeks will be given to rectify the defects and clear the acceptance test, failing which the University reserve the right to get the equipment replaced by the Bidder at no extra cost to the Purchaser.

Successful conduct and conclusion of the acceptance test for the installed goods and equipment shall also be the responsibility and at the cost of the Bidder.

10 **Right to Use Defective Goods:** If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, the University shall have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation.

11 **Installation, Training and Demonstration:** The Bidder is required to do the installation , provide training and demonstration to the designated Purchaser's technical and end user personnel to enable them to effectively operate the total equipment.

12 **Incidental services:** The incidental services also include:

- **Furnishing of 01 set of detailed operations & maintenance manual.**
- **Furnishing of Software Cd's if available with the equipment's.**
- Arranging the shifting/moving of the item within BU premises at the cost of Bidder through their representatives.

13 **Warranty:**

- Warranty period shall be for **12 Months** from date of installation of Goods at the BU Campus. The Bidder shall, in addition, comply with the performance and/or consumption guarantees specified under the contract. If for reasons attributable to the Bidder, these guarantees are not attained in whole or in part, the Bidder shall at its discretion make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests. The warranty should be comprehensive on site.
- The University shall promptly notify the Bidder in writing of any claims arising

under this warranty. Upon receipt of such notice, the Bidder shall immediately within 07 days arrange to repair or replace the defective goods or parts thereof free of cost at the ultimate destination. The Bidder shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the University for the replaced parts/goods thereafter. The period for correction of defects in the warranty period is 07 days. If the Bidder having been notified fails to remedy the defects within 07 days, the University may proceed to take such remedial action as may be necessary, at the Bidder's risk and expenses and without prejudice to any other rights, which the University may have against the Bidder under the contract.

- The warranty period should be clearly mentioned. The comprehensive warranty will commence from the date of the satisfactory installation/commissioning of the equipment against the defect of any manufacturing, workmanship and poor quality of the components.

- 14 **Governing Language:** The contract shall be written in English language. English language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the same language.
- 15 **Payment:** 100% payment shall be made by the University against delivery, inspection, successful installation, commissioning and acceptance of the equipment at University in good condition and to the entire satisfaction of the University.
- 16 **User list:** Brochure detailing technical specifications and performance, list of industrial and educational establishments where the items enquired have been supplied must be provided.
- 17 **Safety Precaution during execution of work:** The party shall take all safety precautions during the execution of works and shall ensure that no part of the building shall be damaged. The necessary crack repairing work in the wall surface including making necessary groove, applying putty or filling sealant powder, wherever required shall be carried out by the party and nothing extra shall be paid for the same.
- 18 **Application Specialist:** The Bidder should mention in the Techno-Commercial bid the availability and names of Application Specialist and Service Engineers in the nearest regional office.
- 19 **Application Fees:** An amount of Rs. 1,000/- should be deposited in the Bodoland University Account No. 31607155480, IFSC Code- SBIN0007379 by online mode as tender fee (non-refundable).
- 20 **Visit by Bidder:** Bidder are requested to visit the site before submission of bid, so that they can include all the items in the bid before execution of work.
- 21 **University Website:** The University may issue notification regarding the tender for time extension, corrigendum, amendments etc. and such notification will be posted on website only. Bidder are requested to keep visiting the website www.buniv.edu.in for any such notification till the tender process is complete.
22. The authority of the Bodoland University reserved the right to accept or reject any or all tenders without assigning any reason thereof.

DECLARATION BY THE VENDOR

It is hereby declared that I/We the undersigned, have read and examined all the terms and conditions etc. of the tender document for which I/We have signed and submitted the tender under proper lawful Power of Attorney. It is also certified that all the terms and conditions of the tender document are fully acceptable to me/us and I/We will abide by the conditions from serial no. 1 to 22. This is also certified that I/We/our principal manufacturing firm/Authorised Dealer have no objection in signing the purchase contract if the opportunity for the supply of the items against this tender is given to me/us.

Date: Signature:

Address: Name:

Designation:

On behalf of: (Company Seal)

Technical Specification:

Technical Specifications for IP Dome Camera	
Image Sensor	1/3" Progressive Scan CMOS Sensor
Resolution	4MP
Effective Pixels	2560(H)*1440(V)
Compression	H.264/H.264+/H.265/H.265+/JPEG/AVI
TV System	PAL/NTSC
Electronic Shutter Time	Auto: PAL 1/25-1/10000Sec; NTSC 1/30-1/10000Sec
Minimum Illumination	0.01Lux
S/N Ratio	60dB
Scanning System	Progressive
Video Output	Network
Lens	
Focus Length	Board Lens 3.6mm
Focus Control	Fixed
Lens Type	Fixed
Pixels	4MP
Night Vision	
Infrared LED	No, Support Warm light LED 4000K, up to 25m
IR Status	Auto Control
IR Power On	Smart, Manual & Timed mode
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, UDP
ONVIF	Support ONVIF 2.4(Profile S/T/G)
P2P	YES
POE	Yes, Support IEEE 802.3af
Video Delay	0.3S (Within the Lan)
Main Stream 1	2688"1512@25fps
Main Stream 2	2560"1440@30fps
Main Stream 3	1920*1080@30fps, 1280*720@30fps
Sub Stream 1	1280*720@30fps
Sub Stream 2	720*480@30fps
IE Brower	IE8-11, Google Chrome, Firefox , Mac Safari
Smart Phone	iPhone, Android
AI Function	
Camera Features	
Day/Night	Color

Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control), Video Tampering, HLC, Distortion
Full Color	Support
Corridor Pattern	Support
Defog Mode	Support
ROI	Support
BLC	Support
WDR	DWDR: 50dB
Motion Detection	Support
Privacy Masking	3 Rectangular Zone
Recording Mode	NVR/CMS/Web
Interface	
SD Card Slot	YES, Support Max 512GB
General	
Housing	Metal ,IP67
Anti-cut Bracket	No
IR Cut Filter	YES
Operation Temperature	-20°C +60°C RH95% Max
Storage Temperature	-20°C +60°C RH95% Max
Power Source	DC12V110%, 1000mA
Technical specification for 4MP Full Color Bullet Camera	
Image Sensor	1/3" Progressive Scan CMOS Sensor
Resolution	4MP
Effective Pixels	2560(H)*1440(V)
Compression	H.264/H.264+/H.265/H.265+/JPEG/AVI
TV System	PAL/NTSC
Electronic Shutter Time	Auto: PAL 1/25-1/10000Sec; NTSC 1/30-1/10000Sec
Minimum Illumination	0.01Lux
S/N Ratio	60dB
Scanning System	Progressive
Video Output	Network
Reset Button	Yes
Lens	
Focus Length	3.6mm
Focus Control	Fixed
Lens Type	Fixed
Pixels	4MP
Night Vision	
LED	Support Warm light LED 4000K, up to 25m
Infrared Distance	25M
IR Status	Auto Control
IR Power On	Smart, Manual & Timed mode

Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, UDP
ONVIF	Support ONVIF 2.4(Profile S/T/G)
P2P	YES
POE	Support IEEE 802.3af
Video Delay	0.3S (Within the Lan)
Main Stream 1	2688*1512@25fps
Main Stream 2	2560*1440@30fps
Main Stream 3	1920*1080@30fps, 1280*720@30fps
Sub Stream 1	1280*720@30fps
Sub Stream 2	720*480@30fps
IE Brower	IE8-11, Google Chrome, Firefox, Mac Safari
Smart Phone	iPhone, Android
AI Function	
Intelligent Analysis	Intrusion Detection
Camera Features	
Day/Night	Color/ B&W (IR-CUT)
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR, White Balance, FLK(Flicker Control), Video Tampering, HLC, Distortion
Full Color	Support
Corridor Pattern	Support
Defog Mode	Support
ROI	Support
BLC	Support
WDR	DWDR: 50dB
Motion Detection	Support
Privacy Masking	3 Rectangular Zone
Recording Mode	NVR/CMS/Web
Language	Chinese Simplified, Chinese Traditional, English, Bulgarian, Polish,Arabic, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian,Nederlands,Czech, Vietnamese
Interface	
SD Card Slot	Support Max 512GB
General	
Housing	Metal, IP67
Anti-cut Bracket	No
IR Cut Filter	YES
Operation Temperature	-20°C +60°C RH95% Max
Storage Temperature	-20°C +60°C RH95% Max

Power Source	DC12V110%, 700mA
Technical Specifications for 32 Channel NVR	
System	
Main Processor	Embedded Processor
Operating system	Embedded LINUX
Video and Audio	
IP Camera Input	32 channels (5MP@25 , 3MP@32,1080P@32,1.3MP@32, 720P@32)
Audio Out	1 Channel output
Two-way Talk	Reuse audio in/out, RCA
Recording	
Compression	H.265+/H.265/H.264
Resolution	5MP, 4MP, 3MP,1080P, 720P, 960H, D1, CIF
Record Rate	Mainstream: 5MP, 4MP, 3MP,1080P, 720P, 960H, D1, CIF(1~25/30fps) sub stream: D1/CIF(1~30fps)
Bit Rate	32Kbps ~ 8192Kbps Per Channel
Incoming Bandwidth	200 Mbps
Outgoing Bandwidth	150 Mbps
Record Mode	Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Display	
Interface	1 HDMI ,1 VGA
Resolution	5MP 1920×1080, 1280×1024, 1440×900
Multi-screen Display	1/4/8/9/16/25/32
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Network	
Interface	1*RJ45 10M/100M self-adaptive
Network Function	HTTP, TCP/IP, IPv4, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, Alarm Server, P2P,IP Search, Dropbox, GoogleDrive
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 16.12, CGI Conformant
Multiple Platform	WEB, VMS, Mobile app
Video Detection and Alarm	
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and

	Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis
Playback & Backup	
Playback	5MP@4 , 3MP@8 (Mainstream) 16*D1(Substream)
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second), Video Analytics alarm video search
Slice Playback	A video is cut into four equal parts for playback. Convenient and quick view of required video clips
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera,
Backup Mode	USB Device/Network
Storage	
Internal HDD	2 SATA Ports, (each max 8TB capacity)
Cloud Storage	Support Dropbox Alarm Storage
Auxiliary Interface	
USB	2 USB 2.0
Electrical	
Power Supply	12V 5A
Power Consumption (without HDD)	<60W
Construction	
Device Dimensions	357mm x 287mm x 50mm
Net Weight (without HDD)	3.5Kg
Gross Weight	5.5Kg
Installation	Desktop installation
Environmental	
Operating Conditions	-10°C ~ +60°C (+14°F ~ +131°F), 10%~ 95% RH
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0~ 95% RH
Third-party Support	
Third-party Support	Yes, Support
Certifications	
Certifications	CE, FCC, IS:13252-1 Complaint

PRO-FORMA OF SUBMISSION OF FINACIAL BID

SL No.	Item Description	Qty.	Brand Name	Unit Cost Exclusive of Taxes(Rs.)	GS T (%)	Unit Cost Inclusive of Taxes (Rs.)	Total Cost (Rs.)
1	Dome Camera IP Based.	20					
2	Bullet Camera IP Based.	1					
3	NVR.	1					
4	POE Switch	2					
5	Storage 6TB	1					
6	LAN cable	3 Box					
7	Monitor 55 inch LEDSmart TV	1					
8	6U Wall Mount Rackwith Fan	1 Set					
9	Accessories Casing nCapping						
10	Installation	1 Job					
						Total Price	

Grand total in figure:In

words:

DECLARATIONS

(i) I/We.....
.....

(names of partners/proprietors or shareholders) do hereby declare that the entries made in this application form are true to the best of my/our knowledge and belief that we shall be bound by the Terms and Conditions.

(ii) I/We also hereby declare that all matters related to Bodoland University, shall be treated as Confidential and no information shall be passed on to any unauthorized person without written permission of the University.

(iii) Mr. whose signatures are given below, is an authorized representative of this firm.

(iv) I/We also undertake the responsibility to communicate all subsequent changes in the constitution or working of firm from time to time.

Signature of Partners/Proprietors.

Date (with Firm's Seal)

OFFICE OF THE REGISTRAR : BODOLAND UNIVERSITY

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RESPONSE FORM

The form should be typewritten in uppercase (or written in capital letters) and completed clearly and accurately ensuring that all questions are answered. The numbers below correspond to item numbers on the registration form.

SECTION 1: COMPANY DETAILS AND GENERAL INFORMATION

1. NAME OF COMPANY/INSTITUTION:

2. STREET ADDRESS:

3. P.O. BOX and MAILING ADDRESS:

4. TEL NO: _____ **6. E-MAIL ADDRESS:** _____

8. CONTACT NAME AND TITLE:

9. PARENT COMPANY (Full legal name):

10. SUBSIDIARIES, ASSOCIATES AND/OR OVERSEAS REPRESENTATIVE(S):
(Attach list, if necessary)

11a. NATURE OF BUSINESS (Tick one box only):

Manufacturer: **Trader:** **Authorized Agent:** **Consulting Company:**

Other (specify): _____

11b. TYPE OF BUSINESS:

Corporate/Limited: Partnership: Government Agency: University:

Other (specify): _____

12. YEAR ESTABLISHED: _____ **13. NUMBER OF FULL-TIME EMPLOYEES:** _____

14. LICENCE NUMBER/STATE WHERE REGISTERED: _____

EVALUATION CRITERIA

1. The companies will be evaluated according to the following procedure:

CRITERIA: Pass/Fail	YES	No
Registration information: certified copy of Trade License, GST registration, Incorporation and Certified copies of the Annual Returns of the company. 1. Proprietorship Certificate must be enclosed. 2. Should have similar Experience of the s Supply, Installation, Testing and Commissioning of CCTV of the same with Private and Government Universities, copy of work order should be enclosed. 3. Firm should have support as per requirement in urgent basis.		
Company Profile: Summary indicating the company details		

- When a firm is shortlisted it does not guarantee that a firm will get order.
- Firms will remain in the register for a minimum period of one year.

CERTIFICATION:

I, the undersigned, warrant that the information provided in this form is correct and, in the event of changes, details will be provided as soon as possible:

Name _____ **Functional**

Title _____