

UNIVERSITY OF GOUR BANGA

(Established under West Bengal Act XXVI of 2007)

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Audit Officer & Convener,



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Memo No. 12/UGB/ET/AO- 2016-17

Dated: 02/03/2017

NOTICE INVITING ELECTRONIC TENDER No. UGB/AO/T and P/eNIT-12/2016-17

Of The AUDIT OFFICER, CONVENER, TENDER & PURCHASE COMMITTEE, UNIVERSITY OF GOUR BANGA,
MALDA

The *Audit Officer, Convener, Tender & Purchase committee, University of Gour Banga, Malda* invites **RATE e-Tender** for the "End to End Rental services for Examination Monitoring System vide live video surveillance through Cloud streaming Devices". The works mentioned in the list given below from eligible and resourceful contractors having sufficient credential and financial capability for execution of works of Information Technology and allied services. The detailed specifications are given below. (Submission of Bid through **online**).

ANNEXURE "A"

Technical specification:

SN	Description of Specification	Compliance
I.	Technical Specification of Cloud Video Streaming Devices	
1.	Hardware	
1.1	Sensor 1/3" Megapixel CMOS Low Lux Lens 3.6mm lens, 90 degrees view angle IR LED 12 IR LEDs, IR Distance 20m DAY/NIGHT Auto IR-CUT Min. Illumination 0.1lux; 0 lux with IR on Max S/N Ratio 50dB	
2.	Video:	
2.1	Compression H.264 Image Main stream :1280x760@1-25fps Sub stream:640x480@1-25fps Mobile Stream :320x240@1-25fps Max Display Resolution 1280 x 720 Bit Rate 128~4096kbps, Supports CBR/VBR Image Control Hue, saturation, brightness, contrast, Exposure	

	Auto Image AE, AWB	
3.	Audio:	
3.1	Compression AAC Bit Rate 64kbps/128kbps 2way Talkback Support	
4.	Network:	
4.1	Protocol TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, FTP, UPNP Compliance ONVIF 2.2 (1.02 backward compatible) PC Client and Browser ISS, IE6.0 and above, Google Chrome Mobile phone iPhone, iPad, Android WIFI Encryption WAP, WAP2	
5.	General:	
5.1	Working Temperature -10°C~ +55°C Working Humidity 0% -90% Power Supply DC 5V/2A Power Consumption Maximum 3w Approvals CE , FCC, RoHS	
6.0	Live Video:	
6.1	Local Viewing Utilize zero internet when viewing from same network Zoom 4x Digital Zoom Stream smoothly The most of your Wi-Fi connection with the steady Consistency of dual-band radio. Alerts Emails or push notifications instantly when motion and sound are detected.	

ANNEXURE "B"

Required Features of Cloud Storage and Streaming Services	Compliance
Administrative auto monitoring system with secured Video Streaming Cloud Cameras to monitor each Examination Hall.	
Load sharing cloud CDN setup to ensure 100% video stream availability.	
Patent pending video streaming technology for high quality video of each Examination Hall at low bandwidth	
Already installed and easy to use cloud based solution to all Examination Hall	
Live Streaming Encoder	
Streaming Media Server	
SSL Encrypted User Authenticated Web portal to view the live webcasting system hosted on Cloud servers	

**ANNEXURE “C”
BILL OF QUANTITIES TO QUOTED**

Sl.No.	Product Description	Quantity	Unit
1	Rental Charges for the Hardware (Video Streaming Kit) for 15 days.	300	NOS
2	Subscription Charges for Cloud Storage and Streaming Services for days having only 1st Half Session Examination	1500	Rooms
3	Subscription Charges for Cloud Storage and Streaming Services for days having 1st Half & 2nd Half Session Examination	180	Rooms
4	Subscription Charges for Cloud Storage and Streaming Services for days having 1st Half, 2nd Half & 3rd Half Session Examination	20	Rooms

Special Terms & Conditions:

1. The bidder is required to implement real time Cloud camera based Monitoring solution for Examination Hall. Examination Hall will carry compact live streaming cloud devices. The Device’s video feeds will be monitored from central location in real time using internet, the broadcasting should be done over wifi broadband or 3G, with the high latency and without any proprietary hardware requirement for viewing the feed. Some of the key features required are stated as below.
 - Administrative auto monitoring system with secured Video Streaming devices to monitor each Examination Hall.
 - Load sharing cloud CDN setup to ensure 100% video stream availability.
 - 24x7 dedicated customer support by the technical team to be provided by the Bidder.
 - Patent pending video streaming technology for high quality video of each Examination Hall at low bandwidth.
 - Easily installed and easy to use cloud based solution to all Examination Hall.
 - The Bidder shall also be required to provide two technical supervisor at each of the examination venues during the tenure of the examination.

2. The Bidder needs to provision for the below mentioned items.
 - Compact Cloud video streaming Devices with provision for power backup.
 - Wi-Fi/3G INTERNET connectivity with min. 100kbps UPLOAD speed without any restriction or Proxy/firewall network.
 - Live Streaming Encoder
 - Streaming Media Server
 - Minimum of 360p quality video feed with H.264 encoding
 - Web portal to view the live webcasting system hosted on cloud servers.
 - Media Server with Recording hosted on cloud.
 - Local Support at all examination centers.
 - Remote support over the phone, email during Examination.
 - Contact details of support engineers to be provided.
 - Device Kit delivery and installation at each examination center (before 3 days of Examination).

- Deliver Hard Disk of recorded Content after completion of the Examination.
3. Any other instruments / equipments / services, which are not explicitly mentioned above or in the price bid but deemed necessary for the successful operation of the system complete in all respects, shall be in bidder's scope.
 4. Bidder's support & service centre should be within **Kolkata Jurisdiction.**
 5. The bidder should also provide an extensive list of Govt. clients and their addresses. Preference would be given to bidders with prior working experience with Govt departments or agencies on an exhaustive manner. Preference would also be given to bidders who have prior experience of working & successfully executing similar projects of Cloud based Surveillance or Webcasting.
 6. The bidder must be operating for the last Ten years and must have a minimum annual average turnover of INR 2Crores for the last 3 Years.

GENERAL TERMS & CONDITIONS

1. Intending bidders have to download the tender document from the website directly by the help of Digital Signature Certificate & necessary cost of tender document may be remitted through **demand draft only** issued from any nationalized bank in favour of **University of Gour Banga**, payable at **Malda**.& same may be documented along with earnest money through e-Filling. EMD of unsuccessful bidder will be returned subsequently. No interest shall be paid on EMD.
2. During Online submission of Bid only scan copy of **EMD (Earnest Money Deposit)** should be submitted. Only successful L1 Bidder will have to submit the EMD in original (same as submitted during online bidding) to the office of the Audit Officer, University of Gour Banga, Malda. However department (Tender Inviting Authority) will not be held responsible for late delivery or loss of the DD so mailed through post / courier. Technical Bid and Financial Bid both will be submitted concurrently duly digitally signed in the Website <https://etender.wb.nic.in>. Tender documents may be downloaded from website & submission of Technical Bid/Financial Bid as per Tender time schedule sated in **(Date & Time Schedule)**.
3. Payments will be made on account pay in cheque on the basis of actual measurement on finished work.
4. Taxes shall be deducted as per Govt. norms
5. Documents like PAN, VAT and Trade License are to be submitted with the tender paper.
6. The University of Gour Banga reserves the right to amend or cancel the scope of the job as well as to modify the terms and conditions of the tender.
7. The number of Items may increase or decrease by the demand/decision of the authority of UGB.
8. Damage to goods or any other loss due to accident etc. during transit shall be the Responsibility of the supplier
9. Suppliers must have credential with the specific items otherwise submitted quotation will be rejected.

10. Credential Certificate:

- a. Completion Certificates for fully (100%) completed works during the current year and last five financial years will only be accepted as credential. In case of Orders above Rupees Fifty Lacs copy of PO in place of Completion Certificate will suffice
- b. Credential Certificates should clearly show the Name, Address, Contact No. Of the Office and Designation of the Officer issuing the work credential along with the name of work and the amount put to quotation. Illegible certificates and certificates having incomplete information may be rejected.
- c. Credential Certificate of work executed in the government/Autonomous/PSU Organisation in past 5 years.

11. Eligibility Criteria:

Eligibility of agency based on works credential. Minimum total billing value should be 50.00Lakhs for a single work. Preference would also be given to bidders who have prior experience of working & successfully executing similar projects of Cloud based Surveillance or Webcasting.

12. Date & Time Schedule:

Sl. No.	Particulars	Date and Time
1	<i>Date of uploading of NIT Tender Documents. (online)</i>	02.03.2017 at 6.55 PM
2	<i>Tender Document sale / download start date and time (online).</i>	02.03.2017 at 6.55 PM onwards.
3	<i>Start Date of Bid Submission (Technical and Financial) (online).</i>	02.03.2017 at 6.55 PM
4	<i>Closing date and time of sale / download of Tender Document (online).</i>	15.03.2017 up to 10.00 AM
5	<i>Closing date of Bid submission (Technical and Financial) (online).</i>	15.03.2017 up to 10.00 AM
6	<i>Date and time of opening of Technical Proposals (online).</i>	17.03.2017 at 10.00 AM. at GOUR BANGA UNIVERSITY.
7	<i>Date and time of uploading of list of Technical qualified bidders.(online)</i>	Intimated later on.
8	<i>Date and time of opening of Financial Proposal (online).</i>	Intimated later on.

NOTE : Any complain / grievance will have to submit in writing only before the date & time of opening of tender / tenders. No complain / grievance will be entertained after opening of this / these tenders.

13. No CONDITIONAL/ INCOMPLETE TENDER will be accepted under any circumstances.
14. During scrutiny, if it is come to the notice to tender inviting authority that the credential or any other papers found incorrect/ manufactured/ fabricated, that tenderer will not be allowed to participate in the tender and that application will be out rightly rejected without any prejudice.
15. Before issuance of the work order, the tender inviting authority may verify the credential & other documents of the lowest tenderer if found necessary. After verification, if it is found that such documents submitted by the lowest tenderer is either manufacture or false in that case, work order will not be issued in favour of the tenderer under any circumstances and the earnest money will be forfeiture duly without any prejudice.
16. Bidders should upload their documents from the original copies. Uploaded copies which are not clearly visible will not be accepted.
17. If proportionate progress with time is not maintained in any work then any work can be rescind without any further reminder and NO TIME OF EXTENSION will be entertained in any circumstances unless this Department sought for it and submission of tentative bar-charts within three days of date of issue of work order.

18. For a particular work, in 2nd Call, Bonafide outsider Contractors may be allowed to participate along with other categories if that tender in 1st call cannot be finalized due to shortage of successful bidders. The bidders will be disqualified if all necessary documents as required in NIT are not produced by those bidders.

INSTRUCTION TO BIDDERS

1. General guidance for e-Tendering

Instructions/ Guidelines for tenders for electronic submission of the tenders online have been annexed for assisting the contractors to participate in e-Tendering.

2. Registration of Contractor

Any contractor willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement system, through logging on to <https://etender.wb.nic.in> (the web portal of public works department) the contractor is to click on the link for e-Tendering site as given on the web portal.

3. Digital Signature certificate (DSC)

Each contractor is required to obtain a class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders, from the approved service provider of the National Information's Centre (NIC).

4. Downloading of Tender Documents

The Bidders can search & download NIT & Tender Documents electronically from computer once he logs on to the website mentioned in Clause 2 using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

5. Participation in more than one work

A prospective bidder shall be allowed to participate in the job either in the capacity of individual or as a partner of a firm. If found to have applied severally in a single job all his applications will be rejected for that job.

6. Submission of Tenders.

General process of submission, Tenders are to be submitted through online the website stated in Cl. 2 in two folders at a time for each work, one in Technical Proposal & the other is Financial Proposal before the prescribed date & time using the Digital Signature Certificate (DSC) the documents are to be uploaded virus scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non readable formats).

A. Technical proposal

The Technical proposal should contain scanned copies of the following further two covers (folders).

A-1. Statutory Cover Containing

- i) Prequalification Application
- ii) Demand Draft towards cost of tender documents as prescribed in the NIT, against each serial of work in favour of **University of GourBanga**, payable at **Malda**.
- iii) Demand Draft towards earnest money (EMD) as prescribed in the NIT against each of the serial of work in favour of the **University of GourBanga**, payable at **Malda**.
- iv) Special Terms, condition & specification of works.

A-2. Not statutory Cover Containing

- i) Professional Tax (PT), deposit receipt challan, Pan Card, IT Saral, VAT Registration Certificate.

- ii) Registration Certificate under Company Act. (if any).
- iii) Registered Deed of partnership Firm/ Article of Association & Memorandum.
- v) Tax Audited Report in along with Balance Sheet & Profit & Loss A/c for the last three years, (year just preceding the current Financial Year will be considered as year – 1).
- v) Credential documents within last 5 (five) years from date of issue of NIT.
- vi) List of Technical staffs along with structure & organization.

Note: Failure of submission of any of the above mentioned documents will render the tender liable to summarily rejected for both statutory & non statutory cover.

THE ABOVE STATED NON-STATUTORY / TECHNICAL DOCUMENTS SHOULD BE ARRANGE IN THE FOLLOWING MANNER

Click the check boxes beside the necessary documents in the My Document list and then click the tab “Submit Non Statutory Documents’ to send the selected documents to Non-Statutory Folder. Next Click the tab “Click to Encrypt and upload” and then click the “Technical” Folder to upload the Technical Documents.

<i>Sl. No.</i>	<i>Category</i>	<i>Sub-Category Description</i>	<i>Details</i>
A.	<i>CERTIFICATES</i>	<i>CERTIFICATES</i>	<ol style="list-style-type: none"> 1. Vat Registration Certificate & Acknowledgement. 2. PAN, I. Tax Return (up to date) 3. P. Tax (Challan and Number, Current FY.
B.	<i>COMPANY DETAILS</i>	<i>COMPANY DETAILS 1</i>	<ol style="list-style-type: none"> 1. Proprietorship Firm (Trade License). 2. Partnership Firm (Partnership Deed, Trade License). 3. Ltd. Company (Incorporation certificate, Trade License). 4. Co-operative Society (Society Registration copy, Renewal copy, NOC from ARCS, Up to date meeting resolution copy. 5. Power of Attorney.
C.	<i>CREDENTIAL</i>	<i>CREDENTIAL -1</i> <i>CREDENTIAL – 2</i>	<i>credential of similar nature of job without any reservation for any particular class of contractors</i>
D.	<i>P/L AND BALANCE SHEET</i>	<i>P/L AND BALANCE SHEET 2013-2014/2014-2015/2015-2016.</i>	<i>Profit and Loss and Balance Sheet (with Annexure in case of Tax Audit – Current F.Y.).</i>

E.	MAN POWER	TECHNICAL PERSONNEL	List of Technical Staffs Along with Structures of Organization.
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B. Financial proposal

- i) The financial proposal should contain the following documents in one cover (folder) i.e. Bill of quantities (BOQ) the contractor is to quote the amount.
- ii) Only downloaded copies of the above documents are to be uploaded virus scanned & Digitally Signed by the Bidders.

07. Rejection of Bid

The Employer (tender accepting authority) reserves the right to accept or reject any Bid and to cancel the Bidding processes and reject all Bids at any time prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Employer's (tender accepting authority) action.

08. Award of Contract

The Bidder, whose Bid has been accepted will be notified by the Tender Inviting & Accepting Authority through acceptance letter/ Letter of Acceptance / Work Order.

The notification of award will constitute the formation of the Contract.

The Agreement will incorporate all agreements between the Tender Accepting Authority and the successful Bidder. All the tender documents including NIT & B.O.Q. will be the part of the Contact Document.

#NOTE: Successful bidders (i.e. L1 bidders) are requested to submit self-attested hard copies of all documents with EMD submitted during bidding.

GUIDELINES TO THE TENDERER

Instruction / guidelines for the tenderer for Electronic Submission of the tenders online :-

1. Registration of the Contractor

- Any contractor/Bidders willing to participate in the processes of e-Tendering is required to log on to <https://etender.wb.nic.in> with user ID (a valid e-mail ID with password) for enrolment and registration. The contractor/Bidders is to click on the link for e-Tendering site as given on the web portal.
- The registration page would appear where the contractor is to fill up the details asked for regarding basic organization information in that page.
- Upon submission of such details online, registration would be done.

2. Obtaining Digital Signature Certificate (DSC).

- A Digital Signature is not a digitized form of signature. It is rather an identity proof for the tenderer, who is tendering electronically online, this may be used is the name of Authorized Representative of the Organization (Firm). It is stored in and given as a USB e-token.
- Class- II and Class III Digital Signature Certificate can be procured from the approved Certifying Authorities recognized the Controller of Certifying Authorities, Government of India on payment of requisite amount.
- The contractor/Bidders is again required to log on with the user ID and password to register the Digital Signature Certificate (DSC) without which he cannot participate in e-Tendering. One registered, this DSC can be used for participating in any e-Tendering

3. Uploading documents

- The tenderer is to log in with Digital Signature Certificate (DSC), e-token password to upload scanned copies of various documents, as sought for in the NIT. This can be save, edited and even deleted, if necessary, by the tenderers.

4. Downloading Tender Documents

- By tender search, (by value, by location, and by classification) or from latest tender, the tenderer may download and view details of tenders after clicking on serial number.
- Such downloaded documents can be saved in computer as well.
- After downloading documents and before submission of tender online, it is to be ensured that the documents have properly been filled up and necessary scanned documents have been uploaded, virus scanned and digitally signed.

5. Tender Submission

- The Tenderer is to read the NIT carefully.
- All corrigendum, addendum to the original NIT is to be considered as part of NIT.
- Each tenderer can submit tender for maximum 1 serial (package) in any particular NIT, but such tenders will be considered subject to fulfillment of credential criteria and financial capability to be assessed by the Tender & Purchase Committee (TEC).
- The Tenderer is to use log in ID and password, followed by Digital Signature Certificate and to give e-token password to search the tender(s) he wants to participate from 'Search Active Tenders'.
- The selected tender may be added firstly in 'My favorite' and then 'My Tender' A message would appear that the tender has been set as favorite.
- The Tenderer is click 'View' to submit tender.
- The Tenderer is to further click 'I agree' and 'Submit', before opting for offline payment for cost of tender paper and Earnest Money Deposit (wherever applicable).
- Cost of Tender papers and Earnest Money Deposit (wherever applicable) are to be paid through Demand Draft (DD) or as may be prescribed, details of which are to be filed up subsequently for online information. These DDs, one for cost of tender paper and another for Earnest Money Deposit are to be submitted to the Tender Issuing Authority, positively at least one day before the scheduled date of opening of Technical Bid, otherwise the entire tender will be rejected.
- Synopsis of credential in prescribed format and other documents as may be required are to be entered, verified, encrypted (transformation into non readable format) and uploaded.
- Financial Folder containing the Bill of Quantities (BOQ) for offering the rate for execution of works is to be submitted next online, by uploading scanned copies duly encrypted.
- Before freezing the submission, changes may be made, but these cannot be done after freezing.
- Technical and Financial Bids, both are to be submitted concurrently online, positively before the prescribed date and time of tender submission.

6. In case of any clarification / assistance required for the process of e-Tendering please contact during office hours to Audit Officer, Convener, Tender & Purchase committee, University of Gour Banga, Malda.

Sd/-

**The Convener,
Tender & Purchase Committee,
University of GourBanga,
Malda – 732103**

Copy forwarded for information and wide publicity through notice board to.....

1. The Hon'ble Vice-Chancellor, University of Gour Banga-Chairman.
2. Prof. Swagata Sen, Dean of Commerce, Calcutta University, Court Nominated Member.
3. Prof. Bikash Roy, Department of Bengali, University of Gour Banga, Court Nominated Member.
4. Dr. Samir Kumar Ghosh, Associate Professor, Vidyasagar College, EC Nominated Member.
5. Dr. Sanatan Das, Controller of Examinations (Addl. Charge), University of Gour Banga- Member.
6. The Finance Officer, University of Gour Banga – Member.
7. The University Engineer, University of Gour Banga- Member.
8. The Development Officer, University of Gour Banga- Member.
9. The Assistant Registrar (Addl. Charge)/ (PG & Finance), University of Gour Banga- Member.
10. The Audit Officer, University of Gour Banga – Convener.
11. Office file.

-Sd/-

**The Convener,
Tender & Purchase Committee,
University of Gour Banga,
Malda– 732103**

PRE- QUALIFICATION APPLICATION

To
The Convener,
Tender & Purchase Committee,
University of Gour Banga,
Malda - 732103

Ref:- Tender for.....

(Name of work).....

.....

[N.I.T. No.....(Sl. no. _____)

Dear Sir,

Having examined the statutory, Non statutory & NIT documents, I /we hereby submit all the necessary information and relevant documents for evaluation.

The application is made by me / us on behalf of.....In the capacity.....duly authorized to submit the order.

The necessary evidence admissible by law in respect of authority assigned to me on behalf of the group of firms for Application and for completion of the related documents is attached herewith.

We are interested in bidding for the work given in Enclosure to this letter.

We understand that :

(a) Tender Inviting and Accepting Authority can amend the scope & value of the contract bid under this project.

(b) Tender Inviting & Accepting Authority reserves the right to reject any application without assigning any reason:

Encl:- e-filling of

12. **Statutory Documents**
13. **Non Statutory Documents.**

Date :-

Signature of applicant including title
and capacity in which application is made.