



कायालय

प्राचार्य, शासकीय पॉलीटेक्निक, गरियाबंद
देवमोग रोड, दर्रापारा, गरियाबंद, जिला- गरियाबंद (छ.ग.)

फोन नंबर-07706-299303

Email:- gpolyg@rediffmail.com

क्रमांक 624 / शापाग / स्टोर / 2022

गरियाबंद दिनांक 28/10/2022

निविदा आमंत्रण सूचना


(Supply, Installation, Commissioning of CCTV Cameras)

निविदा विज्ञप्ति क्रमांक 623/GPG/Store/Tender, Gariyaband, Date 28.10.2022 की ओर से निर्माताओं तथा उनके अधिकृत विक्रेताओं से CCTV प्रदान कर install करने हेतु मुहरबंद निविदाएं आमंत्रित की जाती है। निविदा प्रपत्र अधोहस्ताक्षरकर्ता के कार्यालय से आवेदन प्रस्तुत कर (आयकर प्रमाण पत्र सहित) रूपये 500.00 (पांच सौ रूपये) नगद भुगतान कर अथवा संस्था की वेबसाईट polygariyaband.ac.in, संचालनालय की वेबसाईट cgdteraipur.cgstate.gov.in व जिला गरियाबंद की वेबसाईट gariyaband.gov.in से दिनांक 19.11.2022 के पूर्व कार्यालयीन दिवस में प्राप्त किये जा सकते हैं।

निविदा बिक्री की अंतिम तिथि : 19.11.2022, समय : दोपहर 2:00 बजे

निविदा प्रपत्र कार्यालय में जमा करने की अंतिम तिथि : 19.11.2022, समय : दोपहर 3:00 बजे

निविदा खोलने की तिथि : 19.11.2022, समय : दोपहर 4:00 बजे, स्थान : शासकीय पॉलीटेक्निक गरियाबंद (छ.ग.)


प्राचार्य

शासकीय पालीटेक्निक
गरियाबंद (छ.ग.)



OFFICE
Government Polytechnic Gariyaband
Devbhog Road, Darra Para , Distt.- Gariyaband (C.G.)

Phone NO.- 07706-299303
No. 623/ GPG/Store/Tender

Email Id:- gpolyg@rediffmail.com
Gariyaband, Date : 28 / 10 /2022

TENDER NOTICE

Tender for Supply, installation, commissioning of CCTV cameras

Last date for receiving sealed tender	: 19/11/2022, 3:00 PM
Date and time of opening the tender	: 19/11/2022, 4:00 PM
Venue of Opening Tender	: Govt. Polytechnic Gariyaband (CG)
Cost of Tender Form	: Rs. 500.00 (Rs. Five Hundred only)

TENDER NOTICE

The, Principal, Government Polytechnic Gariyaband invites sealed tenders through advertised open tender enquiry for supply, installation, commissioning of CCTV cameras from reputed distributors/firms/agencies having at least five years experience of satisfactorily completed similar Supply, Installation of CCTV works in any government/semi government organizations (or) psus [public sector undertakings (or) universities / educational institutions of national importance / state educational bodies (or) well established public limited companies.

The offers may be submitted in TWO-BID SYSTEM (Separate Technical Bid and Financial Bid). The tender form and detailed specifications, terms and conditions for the supply of tender for supply, installation, commissioning of CCTV cameras system at Govt. Polytechnic Gariyaband (CG) can be obtained from the office of undersigned from 28th Oct 2022 on any working day between 10:30 am to 5:00 pm by paying a tender fee of Rs 500/- (Rupees Five Hundred).The tender can also be downloaded from the website www.cgdterapur.cgstate.gov.in. www.polygariyaband.ac.in and www.gariyaband.gov.in **If downloaded from the website tender fee of Rupees Five Hundred in form of demand draft payable to Principal, Government Polytechnic Gariyaband should be enclosed at the time of submission of the tender.**

The Tenderers will have to deposit the Earnest Money (EMD) of Rs. **5,000/- (Rs. Five Thousand only)** through Demand Draft (DD) drawn in favor of **Principal, Government Polytechnic Gariyaband.**

The Tenderer or his authorized representative must sign on every page of bid document with seal. The Principal, Government Polytechnic Gariyaband reserves the rights to amend or withdraw any of the terms and conditions obtained in the tender document or to reject any or all the tenders in whole or in part without giving any notice or assigning any reasons and not bound to accept the lowest tender. The decision of the Principal, Government Polytechnic Gariyaband in this regard shall be final and binding on all.

Instructions for submitting the Tender:

1. Tender will be submitted in four sealed envelope as mentioned below:

(A) Envelope "A" shall contain: -

I. Tender Form Fee (Tender Form Fee required if form downloaded from website)

- II. Technical Bid as per Annexure–II along with All Others documents as Per Document Required in Annexure - I.
- III. Covering Letter on the letter head of the firm as per Annexure–III
- IV. Authorized dealer/Seller certificate for the items offered.

(B) Envelope “B” shall contain: -

- I. Financial Bid as per Annexure - IV

(C) Envelope “C” shall contain

All Two aforesaid sealed envelope A & B should be sealed in envelop “C”. Envelop “C” should be super scribed as "Tender for supply, installation, commissioning of CCTV cameras at Government Polytechnic Gariyaband". No. 623 /GPG/Store/Tender, Date: 28 / 10 /2022 and it should be addressed to Principal, Government Polytechnic, Gariyaband, Devbhog road, Darrapara, Dist. - Gariyaband, C.G. – 493889.

Note: Tenderer is required to sign each and every page of tender form with seal.

**Principal
Government Polytechnic
Gariyaband**

SCOPE OF WORK

Supply, Installation & Commissioning of CCTV cameras as per the specifications mentioned in Annexure IV

Details of scope work as below-

1. Supply, Installation & Commissioning of CCTV cameras and accessories with 30 days of feed storage.
2. The bidder must ensure flawless working of system and must be flexible enough to capture the future requirements.
3. Bidder must ensure The OEM parent country of origin should not be under restriction or barred Government of India /any Government Department/agency. Government Polytechnic Gariyaband may reject/cancel the bid if any OEM is not deemed fit as per Government /Intelligence/ Cyber Security/ Internal Classified Reports and use only government approved OEMs products and equipment's.
4. The Contractor will arrange for and provide all equipment, supplies, related support services to complete the installation, Commissioning and training.
5. The Contractor shall be solely responsible for making available all requisite installation equipment, special aids, tools, tackles and testing equipment, appliances etc. for executing the work.
6. The successful Contractor shall have to train two persons of the Institute onsite by the certified and trained engineers/personnel on the hardware of the products supplied.
7. The department may seek recording of CCTV for viewing/download on external medium, anytime in the past up to 30 days, therefore such recording must be stored without loss in a reliable manner with the facility to record in external hard disk for five years.
8. The bidder must provide all active/passive software license purchased for the setup in the name of Government Polytechnic Gariyaband , and shall handover all hardware/software to the department.
9. In case of delay in Delivery more than the specified/allowed time, or any inconvenience caused either in terms of delivery or quality of the above- mentioned products, Government Polytechnic Gariyaband reserves full rights to impose penalty. For delay in delivery for every week or part thereof, a penalty of 0.5% (point five percent) of the Purchase order amount, subject to maximum of 10% of the Purchase order amount will be deducted.

Warranty:

- a) All the hardware and software should have Comprehensive one year onsite free warranty.
- b) Contractor shall be fully responsible for the manufacturer's warranty in respect of proper design, quality and workmanship of all the equipment, accessories etc. covered by the tender.
- c) In case of any failure, the vendor shall ensure that the CCTV is made operational to the full satisfaction of Government Polytechnic Gariyaband.

TERMS & CONDITIONS AND IMPORTANT INSTRUCTIONS FOR TENDERERS/BIDDERS

1. The tender has been invited under two bid system i. e. Technical Bid and Financial Bid. The interested bidder are advised to submit two separate sealed envelopes in Envelope “A” super scribing "Technical Bid for Supply, installation, commissioning of CCTV cameras at Government Polytechnic Gariyaband; and in Envelope“B” "Financial Bid for Supply, installation, commissioning of CCTV cameras at Government Polytechnic Gariyaband. Both the sealed envelopes should be kept in a third envelop in Envelope “C” super scribing "Tender for Supply, installation, commissioning of CCTV cameras at Government Polytechnic Gariyaband".
2. The Technical Bids will be opened first and evaluated by the Purchase Committee of Government Polytechnic Gariyaband. At the second stage, Financial Bid of only technically qualified Tenders will be opened for further evaluation.
3. The Technical Bid (Annexure-II) will be consisting of technical services details, experience certificate, tax registration details (PAN/GST/TIN, etc.) firm registration details, Income Tax returns, etc. along with commercial terms and conditions. The Financial bid (Annexure-IV) will indicate the item-wise price for the items mentioned in the technical bid.
4. The Earnest Money Deposit (EMD) of Rs. **5,000/- (Rs. Five Thousand only)**, should necessarily accompany the Technical Bid in form of an Account Payee Bank Draft (DD) or a Fixed Deposit Receipt (FDR) in favor of **Principal, Government Polytechnic Gariyaband** and should be kept in a sealed separate cover super scribing EMD. Tender received without EMD or EMD for fewer amounts will be summarily rejected.
5. The EMD in respect of seller/firms/agencies/vendors, who do not qualify the Technical Bid/Financial Bid shall be returned to them without any interest after finalization of tender.
6. The Tender document, if downloaded from the website a tender fee of Rupees Five Hundred in form of demand draft or a fixed deposit receipt payable to Principal, Government Polytechnic Gariyaband should be enclosed with the EMD in the same envelop at the time of submission of the tender.
7. The Tenderers are required to enclose attested photocopies of following document, failing to which their bids will be summarily/out-rightly rejected and will not be considered any further:
 - (a) Registration Certificate of the firm.
 - (b) Copy of GST Registration Certificate.
 - (c) Copy of PAN Card
 - (d) Copy of Income Tax Return filed for last three financial years.
 - (e) Information on the similar works completed successfully & satisfactorily for Government Agencies/ Semi Government Organizations (or) PSUs[Public Sector Undertakings, Universities / Educational Institutions of National Importance / State Educational Bodies (or) Well Established Public Limited Companies in last 5 years. Bidder/Tenderer must submit satisfactory documentary proof for this purpose.
8. The Tender should be signed by the authorized person and his full name and status should be below his signature along-with the official stamp of the firm.
9. All entries in the tender form should be legible and filled clearly. If the space for furnishing information is not sufficient, a separate sheet dully signed by the authorized signatory may be attached. No overwriting or cutting is permitted in the financial bid form. In such cases, the tender shall be summarily rejected. However, the cuttings, if any, in the technical bid application must be initialed by the person authorized to sign the tender bids.

10. The incomplete and conditional tenders will be rejected.
11. Tenders will be considered for the Supply, installation, commissioning of CCTV cameras for which quote their offer/ rate in clear terms without any ambiguity. Discount if any must be clearly specified
12. The tenderer will be bound by the details furnished by him/her to Government Polytechnic Gariyaband, while submitting the tender or at subsequent stage. In case, any of such documents furnished by him/her is found to be false at any stage, it would be deemed to be a breach of terms of contract making him/her liable for legal action besides termination of contract.
13. No Tenderer will be allowed to withdraw after submission of bids/opening of the tender; otherwise the EMD submitted by the firm would be forfeited.
14. There should be no alterations / corrections made in the Tender. The quoted rate should be in figures and words both. The tenderer may quote the rate of any or all the items listed in the tender form. Rates should be quoted separately for individual item and not in lump-sum for all taken together
15. Tenders should be addressed to the “Principal, Government Polytechnic, Gariyaband, Devbhog road, Darrapara, Distt.- Gariyaband (C.G.)-493889” and must reach by the last date mentioned in the tender notice. All the Tenders should be sent by Registered/ Speed Post. Tenders may also be hand delivered to the Principal, Government Polytechnic Gariyaband.
16. Tender received after due date and time will be rejected.
17. The tender shall be opened on scheduled date and time at Government Polytechnic Gariyaband in the presence of the authorized representatives of the tenderers who wish to be present at that time with face mask and maintaining social distancing.
18. If the rate quoted by two or more bidder/tenderer are found same than the order for those Supply, installation, commissioning of CCTV cameras will be placed to the firm quoting lower delivery period or the order will be split among those firms.
19. All taxes and duties levied will be paid by the Tenderer only.
20. The tenderer shall provide a list of Organizations/Universities/Educational Institutions /Well Established Public Limited Companies where he is supplied, installation, commissioning of CCTV cameras.
21. Quantity of the CCTV cameras is subject to the increase or decrease at the discretion of Consignee Authority, without assigning any reason.
22. Payment against Bill/Invoice shall be released only after complete supply, installation, commissioning of CCTV camera as per supply order. Payment will be made directly to the supplier through its bank account. No request for other mode of payment will be entertained. No advance payment will be made in any case.
23. It will be responsibility of the Tenderer to supply all the CCTV camera system of the supply order within stipulated time frame, otherwise Principal, Government Polytechnic Gariyaband will impose penalty as per the rules.

24. If any discrepancy is found in the consignment, the cost of damage would be borne by the tenderer.
25. Damaged/defective copies shall not be accepted and will be returned at dealers cost. Defective copy, if supplied, will be returned even stamped, accessioned after any length of time when detected.
26. The CCTV cameras system shall have to be supplied at the premises of consignee i.e. F.O.R. at Government Polytechnic Gariyaband as per terms and conditions contained in the Supply Order. No other charges such as Packing, Forwarding, Freight, Insurance, Loading and Unloading, Clearance, Entry Tax, etc. will be allowed. All these are to be borne by the tenderer only.
27. Estimated value of the work is **Rs. 5 Lacs/-**

Terms and conditions for Supply, installation, commissioning of CCTV cameras:

The supply, installation, commissioning of CCTV cameras system will be governed by the following “Terms and Conditions”:

01. **General:** The Principal, Government Polytechnic Gariyaband reserves the right to accept or reject any or all tender(s) in part or full, without assigning any reasons thereof and his decision will be final in all cases in respect of acceptance/rejection. The rates quoted shall remain firm for a period of one year.
02. **Purchase Orders:** Supply of CCTV camera has to be made strictly against the Purchase Orders. Acknowledgement receipt of purchase order will be taken as acceptance, preferably by e-mail. Any clarification/query regarding the purchase order should be sought from the Office of the Principal, Government Polytechnic Gariyaband within a week of receipt of the firm supply order.
03. **Supply:** The supply should be free of freight charges. If the supply is made through Railway Parcel/ Registered Post or parcel or courier, the charges will be borne by the supplier. CCTV camera sent via V.P.P. will not be accepted. Every supply should be accompanied by a delivery challan, clearly bearing the details of the items. If a vendor is unable to supply and installation of CCTV camera from confirmed PO's within the timeframe, no further orders will be placed and the security deposit will be forfeited.
04. **Timeframe for supply and cancellations:** 45 days (maximum) is the timeframe and after the expiry of timeframe, the purchase order automatically stands cancelled. However, on written request from tenderer the time frame can be extended only once for 21 days.
05. **Security Deposit-** The successful bidder shall within 07 days from the date of receipt of award letter, deposit with Government Polytechnic Gariyaband a sum equal to 3% of the value of the accepted tender, in the form of Demand Draft from any Nationalized bank failing which principal, Government Polytechnic Gariyaband may at its discretion cancel the award letter. The security deposit amount of 3% of the contract value so deposited will be refunded within 30 days from the date of completion of contract as per tender document.
06. **Invoicing procedure:** The invoice for each supply order is to be submitted in triplicate (3 copies) to the Office of the Principal, Government Polytechnic Gariyaband.
07. **Undertaking:** Every invoice should certify that the prices mentioned in the quotation, only the ordered item are supplied, the item supplied against the orders have been checked for defects of all kinds and condition of accompanying material viz., CDs etc. and if any defects are detected

later, the defective item will be replaced free of cost,at the destination of supply.

08. **Termination of order:** The order may be terminated at the occurrence of any of the following event:
- a. In case of breach of any terms of agreement, or unsatisfactory/inefficient working on the part of the tenderer/vendor,
 - b. If at any time, found that the information provided by the tenderer/vendor in any form about specification/make/model, services and related matters are incorrect and result in losses in any form to the Institute.
- In such case(s), the institute will be at liberty to cancel the order without giving any prior notice to the Tenderer, and the Institute reserves the right to forfeit the security deposit submitted by that Tenderer.
09. The Principal, Government Polytechnic Gariyaband reserves the right to change or modify or amend or substitute any clause in the terms and conditions that are listed above if required, at any time.
10. All disputes and differences arising out or concerning the work shall be subject to the sole arbitration of The Principal, Government Polytechnic Gariyaband or his nominee.
11. Jurisdiction of court of law: Any legal disputes that may arise out of the supply of CCTV cameras system by tenderer/vendors shall be subject to the jurisdiction of a court in Gariyaband.
12. The Principal, Government Polytechnic Gariyaband reserves the right to award the tender to more than one tenderer.

**Principal
Government Polytechnic
Gariyaband**

I am/we are ready to supply, installation, commissioning of CCTV cameras system on Scope of Works, terms and conditions given above.

Place:

Signature and Seal of the Tenderer / supplier

Date:/..../2022

Name & Designation:-

PROFORMA FOR TECHNICAL BID

S. No.	Particulars	Remark	Page No.
1	Registration certificate of firm / Partnership deed /Memorandum & Articles of Association (Enclose suitable document in case distributor/dealer/stockiest/seller)	Yes / No	
2	Complete Postal Address with Tel. No. Fax. No. E-mail (Attach Address proof & Mention enclosure number)	Yes / No	
3	Copy of Income Tax Return of Firm for the last 3years (Attach Document)	Yes / No	
4	Self-attested copy of PAN Card (Attach Document)	Yes / No	
5	Self attested copy of Goods and Service TaxNumber (GST),TIN No. (Attach Document)	Yes / No	
6	Tenderers bank, its address and his account number (Attach copies of the relevant documents/certificates) (Mention enclosure number)	Yes / No	
7	Orders / Satisfactory completion certificate for undertaking similar work in Govt. Office / Govt. Undertaking Office etc. (Attach Document)	Yes / No	

I/ We certify that the information furnished above is true and correct agree to abide by the terms and conditions as mentioned in the document.

Date:/..../2022

Tenderer/supplier

Authorized Signature & Seal of the

Name&

Designation:

-

Covering Letter on the letter head of the firm

To,

The Principal
Government Polytechnic Gariyaband
Devbhog road, Darrapara, Distt.- Gariyaband (C.G.) – 493889

Sir,

I/we do hereby submit our tender for Supply, installation, commissioning of CCTV cameras as specified in the Tender Schedule and in accordance with the instructions specified. The detail of Earnest Money deposit is as below:

Demand Draft No / FDR No _____, Dated ___/___/2022 Amount: _____

Bank Name: _____, Branch: _____.

I/We hereby declare that I/we will abide by the terms and conditions and rules & regulations of Government Polytechnic Gariyaband laid down in the said tender document and quote the rates accordingly. I

Date:/..../2022

Authorised Signature & Seal of the Tenderer/supplier
Name:

PROFORMA FOR FINANCIAL BID

Rate/price offered (To be mentioned in both Figures and Words). The Financial bid is required to be submitted separately in a sealed cover Envelope 'B'.

S.No.	Item	Description And Specification	Qty.	Unit Rate (Rs.)
1	Bullet Camera	<p>Image Sensor : 1/3" 4MP Progressive scan CMOS (0.84667 cm)</p> <p>Minimum Illumination : 0.03Lux@F1.7</p> <p>Effective Pixels : 2688(H) x 1520(V)</p> <p>Shutter Speed : Auto/Manual, 1/3~1/100000s</p> <p>White Balance : Auto/natural/street lamp/outdoor/manual/regional custom</p> <p>Lens : 2.8mm~12mm Motorized lens</p> <p>Gain Control (AGC) : Auto/Manual</p> <p>Video Compression : H.265+/H.265/H.264+/H.264/H.264B; MJPEG</p> <p>Angle of View : Horizontal: 98°~31° Vertical: 55°~18° Diagonal: 116°~36°</p> <p>Back Light Compensation : BLC / HLC / WDR(120dB)</p> <p>Video Streaming : Main Stream: 2688 × 1520 (1 fps~20 fps) 2560 × 1440 (1 fps~25/30 fps) Sub Stream: 704 × 576 (1 fps~20/25 fps) 704 × 480 (1 fps~20/30 fps)</p> <p>Resolution : 2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480)</p> <p>Motion detection : OFF/ON (4 areas, rectangular)</p> <p>Privacy Mask : 4 areas</p> <p>ROI : Yes (4 areas)</p> <p>Bit Rate : H.264: 32 Kbps~6144 Kbps, H.265: 12 Kbps~6144 Kbps</p> <p>Protocol : HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; Ipv4/v6; QoS; UpnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMP; ONVIF (Profile S/Profile G); InstaOn; CGI</p> <p>Ethernet : RJ-45 (10/100Base-T)</p> <p>Event Trigger : Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnection, IP</p>	1	

		<p>conflict, illegal access, voltage detection</p> <p>User Account : 20 Users</p> <p>Smart Phone : iPhone, iPad, Android Phone</p> <p>IR : IR Range of 50 Mtr.</p> <p>Micro SD : FTP; Micro SD card (support max. 256 GB); NAS</p> <p>Operating Temperature : -30°C to +55°C (-22°F to +131°F) /less than≤95%</p> <p>Feature : Specification</p> <p>Power Source : DC12V, PoE (802.3af)</p> <p>Power Consumption : < 7.5W (PoE)</p> <p>Weatherproof Standard : IP67</p> <p>Casing : Metal + Plastic</p> <p>Dimension : 243.5 mm × Φ90.7 mm</p> <p>Weight : 0.44 kg</p>		
2	Bullet Camera	<p>Image Sensor : 1/3" 4MP PS CMOS Image Sensor</p> <p>Effective Pixels : 2688 (H) × 1520 (V)</p> <p>Minimum Illumination : 0.008 Lux@F1.6</p> <p>S/N Ratio : >56dB</p> <p>Lens : 3.6mm fixed lens (2.8mm optional)</p> <p>Angle of View : 3.6mm: H: 84.0°, V: 45.0°, D: 100.0° 2.8mm: H: 102.0°, V: 55.0°, D: 121.0°</p> <p>White Balance : Auto/natural/street lamp/outdoor/manual/regional custom</p> <p>Gain Control (AGC) : Auto/Manual</p> <p>Back Light Compensation : BLC/ HLC/ WDR(120dB)</p> <p>Video Compression : H.265+; H.265; H.264+; H.264; H.264B; MJPEG (only supported by sub stream)</p> <p>Resolution : 4MP (2688 × 1520) 4MP(2560 × 1440) ; 3MP(2304 × 1296); 2MP (1920 × 1080); 1.3MP(1280 × 960); 720P (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)</p> <p>Frame Rate : Main stream: 2688 × 1520 (1 fps-20 fps) 2560 × 1440 (1 fps-25/30 fps) Sub stream: 704 × 576 (1 fps-25 fps) 704 × 480 (1 fps-30 fps)</p> <p>Motion detection : OFF/ON (4 areas, rectangular)</p> <p>Privacy Mask : 4 Areas</p> <p>Mirror : Yes</p> <p>ICR : Auto (ICR)/Color/B/W</p> <p>ROI : Yes (4 areas)</p> <p>Bit Rate : H.264: 32 kbps–6144 kbps ,</p>	1	

		<p>H.265: 12 kbps–6144 kbps</p> <p>IVS : Intrusion; tripwire</p> <p>Event Trigger : Abnormality detection: Motion detection, video tempering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection</p> <p>Protocol : HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; Ipv4/v6; QoS; UpnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMP; ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec</p> <p>Ethernet : RJ-45 (10/100Base-T)</p> <p>User Account : 20 Users</p> <p>IR : IR Range of 30 Mtr.</p> <p>Smart Phone : iPhone, iPad, Android Phone</p> <p>Micro SD : FTP; SFTP; Micro SD card (max. 256 GB); NAS</p> <p>Operating Temperature : -40°C to +60°C (-40°F to +140°F)</p> <p>Operating Humidity : ≤95%</p> <p>Storage Temperature : -40°C to +60°C (-40°F to +140°F)</p> <p>Storage Humidity : ≤95%</p> <p>Power Source : 12V DC/PoE(802.3af)</p> <p>Power Consumption : <5W</p> <p>Weatherproof Standard : IP67</p> <p>Casing : Metal</p> <p>Dimension : 166.2 mm × Φ70 mm (6.54" × Φ2.76")</p> <p>Weight : 0.48 kg</p>		
3	Dome Camera	<p>Image Sensor : 1/3" 4MP PS CMOS Image Sensor</p> <p>Effective Pixels : 2688 (H) × 1520 (V)</p> <p>Minimum Illumination : 0.01Lux@F1.6</p> <p>Electronic Shutter Speed : Auto/Manual 1/3 s–1/100000 s</p> <p>Field of View : 2.8 mm: Horizontal: 102.0° , Vertical: 55.0° , Diagonal: 121.0° 3.6 mm: Horizontal: 84.0° , Vertical: 45.0° , Diagonal: 100.0°</p> <p>White Balance : Auto/natural/street lamp/outdoor/manual/regional custom</p> <p>Lens : 3.6mm fixed lens (2.8mm optional)</p> <p>Gain Control (AGC) : Auto/Manual</p>	1	

		Back Light Compensation Video Compression Resolution Frame Rate Mirror Motion detection Privacy Mask ICR ROI Bit Rate IVS Event Trigger Protocol Ethernet User Account IR Smart Phone Micro SD Operating Temperature Operating Humidity Storage Temperature Storage Humidity Power Source Power Consumption Weatherproof	: BLC/ HLC/ WDR(120dB) : H.265+; H.265; H.264+; H.264; H.264B; MJPEG : 2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 2304 × 1296 (2304 × 1296); 1080P (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 ×480); VGA (640 ×480); CIF (352 × 288/352 × 240) : Main stream: 2688 × 1520 (1 fps-20 fps) 2560 × 1440 (1 fps- 25/30 fps) Sub stream: 704 × 576 (1 fps-25 fps) 704 × 480 (1 fps-30 fps) : Yes : OFF/ON (4 areas, rectangular) : 4 Areas : Day/Night : Yes (4 areas) : H.264: 32 kbps–6144 kbps; H.265: 12 kbps–6144 kbps : Intrusion; tripwire : Abnormality detection: Motion detection, video tempering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection : HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; Ipv4/v6; QoS; UpnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMP; ONVIF (Profile S/Profile G/T); CGI; Milestone; Genetec : RJ-45 (10/100Base-T) : 20 Users : IR Range of 30 Mtr. : iPhone, iPad, Android Phone : FTP; Micro SD card (max. 256 GB); NAS : -40°C to +60°C (-40°F to +140°F) : ≤95% : -40°C to +60°C (-40°F to +140°F) : ≤95% : 12V DC/PoE : <5.2W : IP67, IK10		
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		Standard Casing : Metal Dimension : 81mm × Φ109.9mm (3.19" × Φ4.33") Weight : 0.350 kg		
4	TV	UQ75 55 (139cm) 4K UHD Smart TV WebOS Active HDR <ul style="list-style-type: none"> • α5 Gen5 AI Processor 4K with AI Brightness & 4K Upscaling • Filmmaker Mode: Enjoy your Content as the Director Intended • AI Sound (Virtual Surround 5.1) for an Immersive Experience • Smart WebOS platform with OTT Apps like Netflix, Prime Video, Disney+ Hotstar and many more • ALLM, HGIG Mode for a Better HDR Gaming Experience 	1	
5	NVR	Processor : Industrial-grade embedded processor IP Camera Input : 32 channel Operating System : Embedded LINUX Operation Interface : Web/operating in local GUI Performance by Camera : 8 channel AI Search by Camera : Search for pictures by channel, time and event type Face Attributes : 6 attributes: Gender, age, glasses, expression, mouth mask, and beard AI Search by Face Detection : Search for pictures by channel, time and face attributes Performance by Face Detection : 4 channels Video Output : 1 × VGA output, 1 × HDMI output, supports simultaneous video sources output for VGA and HDMI Compression : Smart H.265+/H.265/Smart H.264+/H.264/MJPEG Performance by SMD Camera : 12 channels AI Search by SMD Camera : Search by target classification (human, vehicle) Network Bandwidth : Access: 160 Mbps; Storage: 128 Mbps; Forward: 48 Mbps Resolution : 8MP; 6MP; 5MP; 4MP; 3MP; 1080P; 720P; D1 Decoding Capability : 8 × 1080p@30fps Multi-screen Display : 1, 4, 8, 9, 16, 25, 32 views Third-party Camera Access : ONVIF; RTSP	1	

		<p>General Alarm : Motion detection, privacy masking, video loss, scene changing, PIR alarm, IPC external alarm</p> <p>Anomaly Alarm : Camera disconnection, storage error, disk full, IP conflict, MAC conflict, login locked, and cybersecurity exception</p> <p>Alarm Linkage : Recording, snapshot, local external alarm output, audio, buzzer, log, preset, and email</p> <p>Intelligent Alarm : Face detection, perimeter protection (intrusion and tripwire), IVS, people counting, heat map, and SMD alarms</p> <p>Audio Compression : PCM/G711A/G711U/G726/A AC</p> <p>Audio Input : 1 × RCA input</p> <p>Audio Output : 1 × RCA output</p> <p>Alarm Input : 4 Channel</p> <p>Alarm Output : 2 Channel</p> <p>Record Mode : Manual record; alarm recording; SMD recording; smart recording</p> <p>Smart Phone : iPhone, iPad, Android Phone</p> <p>Hard Disk : 2 SATA III ports, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature</p> <p>Browser : Chrome; IE9 or later; firefox</p> <p>Disk Group : Yes</p> <p>Multi-channel : Up to 16 channels for playback</p> <p>Playback : Playback Function : Play/pause/stop/slow/quick/backward/by frame Full screen, backup (video clip/file), partial zoom in, and audio on/off</p> <p>Storage : Local HDD; network</p> <p>Backup : USB storage device</p> <p>Interface Ports : 2 USB Ports (1 × front USB2.0; 1 × back USB2.0)</p> <p>Ethernet : 1 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port</p> <p>Protocols : HTTP; HTTPS; TCP/IP; Ipv4/Ipv6; UpnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search, P2P, auto register, ONVIF (profile T/S/G); CGI; SDK</p> <p>Power Supply : 12 V DC, 4 A</p> <p>Power Consumption : < 5.6 W (HDD not included,</p>		
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		<p>Working Temperature : -10°C to +55°C (+10 °F to +131 °F)</p> <p>Storage Temperature : 0 °C to +40 °C (32 °F to 104 °F)</p> <p>Storage Humidity : 30%~85%</p> <p>Operating Humidity : 10%~93%</p> <p>Operating Altitude : 3000 m</p> <p>Dimensions : 375 mm × 282.4 mm × 53 mm (14.76" × 11.12" × 2.09") (W × L × H)</p> <p>Weight : 1.5 kg</p>		
6	PoE Switch	<p>Uplink Ports : 2, 1000Mbps; Transmission Distance: 0-100m</p> <p>Network Standard : IEEE802.3i/802.3u/802.3x/802.3ab</p> <p>Switch Capacity : 5.6 Gbps Full duplex</p> <p>Packet Forwarding Rate : Down-link: 0.1488Mpps/port; Up-link: 1.488Mpps/port</p> <p>PoE Ports : 8, 100Mbps; RJ45 ports; Max. 30W Output of Single PoE Port Transmission distance:0~250m</p> <p>Network Ports : 10</p> <p>MAC Address Table : 2k</p> <p>Transmission Distance : 0-100m/100Mbps; Max. 250m/10Mbps via Cat.5e or more under Extend mode</p> <p>PoE Standard : IEEE802.3af, IEEE802.3at</p> <p>PoE Power Supply : 1/2(+), 3/6(-)</p> <p>PoE Power Budget : 96W</p> <p>PoE Feature : All ports support MDI/MDIX</p> <p>VLAN : Support</p> <p>Watchdog : Support</p> <p>Power Indicator : Light on: Powering Light off: No Power</p> <p>Extend Indicator : Light on: VLAN mode & Extend mode Light off: normal mode</p> <p>Port 1-10 indicator : Green light flash slowly: Searching for device Red light on: Powering but data disconnected Green light flash quickly: Data Transmitting</p> <p>Forwarding Mode : Store-and-forward</p>	1	
7	Giga PoE Switch	<p>Uplink Ports : 2, 1000Mbps; Transmission Distance: 0-100m</p> <p>Network Protocol : IEEE802.3i/802.3u/802.3x/802.3af/802.3ab</p> <p>Switch Capacity : 20Gbps Full duplex</p> <p>Packet Forwarding Rate : 1.488Mpps/port</p> <p>Port 1-10 indicator : Light off: Link is disconnected; Red light on: Powering but data disconnected ; Light flash quickly: Data Transmitting</p>	1	

		<p>PoE Ports : 8, 1000Mbps; RJ45 ports; Max. 30W Output of Single PoE Port Transmission distance: 0~100</p> <p>Network Ports : 10</p> <p>MAC Address : 2K</p> <p>Table</p> <p>PoE Standard : IEEE802.3af, IEEE802.3at</p> <p>PoE Power : 1/2(+), 3/6(-)</p> <p>Supply</p> <p>Transmission : 0-100m/100 Mbps</p> <p>Distance</p> <p>PoE Power : 96W</p> <p>Budget</p> <p>Power Indicator : Light on: Powering; Light off: No Power</p> <p>PoE Feature : All ports support MDI/MDIX</p> <p>ESD : Air discharge: 1.5KV ; Contact discharge: 1.5KV</p> <p>Vlan : Support</p> <p>VLAN Indicator : Green light on: VLAN mode Light off: normal mode</p> <p>Watchdog : Support</p> <p>Forwarding : Store-and-forward</p> <p>Mode</p> <p>Power Source : Built-in Power Supply, Input: 110-264V AC, 50/60Hz</p> <p>Power : <5W</p> <p>Consumption</p> <p>Feature : Specification</p> <p>Uplink Ports : 2, 1000Mbps; Transmission Distance: 0-100m</p> <p>Network : IEEE802.3i/802.3u/802.3x/802.3af</p> <p>Protocol : /802.3ab</p> <p>Switch Capacity : 20Gbps Full duplex</p> <p>Packet : 1.488Mpps/port</p> <p>Forwarding Rate</p> <p>Port 1-10 indicator : Light off: Link is disconnected; Red light on: Powering but data disconnected ; Light flash quickly: Data Transmitting</p> <p>PoE Ports : 8, 1000Mbps; RJ45 ports; Max. 30W Output of Single PoE Port Transmission distance: 0~100</p> <p>Network Ports : 10</p> <p>MAC Address : 2K</p> <p>Table</p> <p>PoE Standard : IEEE802.3af, IEEE802.3at</p> <p>PoE Power : 1/2(+), 3/6(-)</p> <p>Supply</p> <p>Transmission : 0-100m/100 Mbps</p> <p>Distance</p> <p>PoE Power : 96W</p> <p>Budget</p> <p>Power Indicator : Light on: Powering; Light off: No Power</p> <p>PoE Feature : All ports support MDI/MDIX</p> <p>ESD : Air discharge: 1.5KV ; Contact</p>		
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		<p>discharge: 1.5KV</p> <p>Vlan : Support</p> <p>VLAN Indicator : Green light on: VLAN mode Light off: normal mode</p> <p>Watchdog : Support</p> <p>Forwarding Mode : Store-and-forward</p> <p>Power Source : Built-in Power Supply, Input: 110-264V AC, 50/60Hz</p> <p>Power Consumption : <5W</p>		
8	2U Rack	<ul style="list-style-type: none"> • DVR walls Mount is specially designed to safeguard our DVRs from Theft. • Basic frame: CRCA (MS SHEET) 0.6mm thick. • Construction– Welded • Top & Bottom cover: cable entry cut-outs. • Front Door: Lockable with Lock & Key. • PDU 3 Sockets (5amp), Included. • Standard finish: Powder coated. • Dual-Tone Gray Color – fits in well with all indoor/outdoor aesthetics. • Differentiator Quality. • Load Bearing Capacity – 10kg. • Industry leading design. 	1	
9	4U Rack	<ul style="list-style-type: none"> • DVR walls Mount is specially designed to safeguard our DVRs from Theft. • Basic frame: CRCA (MS SHEET) 0.6mm thick. • Construction– Welded • Top & Bottom cover: cable entry cut-outs. • Front Door: Lockable–Toughened glass with Lock & Key. • Toughened Glass used as an excellent thief deterrent. • PDU 3 Sockets (5amp), 1U cantilever tray, 1 Fan Included. • Standard finish: Powder coated. • Dual-Tone Gray Color – fits in well with all indoor/outdoor aesthetics. • Differentiator Quality. • Load Bearing Capacity – 15kg. • Industry leading design. 	1	
10	Cable	<p>Conduct Type : Solid Bare Electrolytic Grade Copper 1</p> <p>Nominal Conductor Diameter : 23 AWG</p> <p>Insulation : Polyethylene (HDPE)</p> <p>No. of Pair : 4, Each pair Twisted</p> <p>Pairing : Twisted into Two core</p> <p>Outer Sheath Material : PVC Sheath/ LSHZ</p> <p>Colour of Sheath : Grey (RAL-7035), Option Available</p> <p>Approximate OD : 5.80mm</p>		

		Rip Cord : Yes Cross Filler : HDPE Sequential Marking : Every Meter Resistance Unbalance : 5% Max Conductor : 93.5Ω/1000 Mtr@20°C Max Resistance of solid cable Mutual Capacitance : 5.6nf/100Mtr. Max Packing : 305 Mtrs Temperature Rating : -20 to +60°C Installation Temperature : 0 to 50°C Storage Temperature : -20 to +75°C NVP : 69% Impedance : 100±15% Ω Tensile : 110N Min Bending Radius : 10x Jacket Dia		
11	HDD	4TB	1	
12	RJ45	Connector	1	
13	Installation Charges	Scope of installation & commissioning Installation and commissioning of camera at designated place i.e. on wall/ceiling/Pole(fixing of mount, camera, complete connection and Integration with system)	1	
14	Any other			

Note- **The rates quoted above should be the unit price (i.e. inclusive of basic price, transportation, GST and any other charges).**

I/We hereby declare that I/We will abide by the terms and conditions and rules & regulations of Government Polytechnic Gariyaband, laid down in the said tender document and quote the rates accordingly.

Date:/.... /2022

Authorised Signature & Seal of the
Tenderer/supplierName & Designation:-