



Royal University of Bhutan

འབྲུག་རྒྱལ་འཛིན་གསུལ་ལག་སློབ་ཐེ
དག་འདུ་ཚོང་རིག་མཐོ་རིམ་སློབ་ཁྲུ
Royal University of Bhutan
Gedu College of Business Studies
Gedu: Chukha Dzongkhag



Ref. (28) ADM/PRO/2022-23/ 793

07/04/2023

INVITATION FOR QUOTATION (IFQ)

The General Manager

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Subject: Limited Enquiry for supply & installation of CCTV

Sir/Madam

Gedu College of Business Studies, Royal University of Bhutan is pleased to invite sealed bids from the National bidders for supply & installation of CCTV cameras in the college academic premises. The bidding documents can be downloaded from the college website www.gcbs.edu.bt or contact procurement section for more details.

Terms and conditions

1. All bids must be submitted in a sealed envelope marked as “**Quotation for Supply & Installation of CCTV**” to the Administrative Officer, GCBS on or before 10:00 am 12th April 2023 📧 will be assessed at 10:30 am on the same day. The quotations received after the deadline mentioned will not be accepted.
2. The bids shall be addressed to the President, Gedu College of Business Studies.
3. Bidders must submit a copy of valid business trade licenses & tax clearance certificate.
4. The rate quoted should be inclusive of all taxes, transportation & installation of equipment.
5. Works shall be awarded to the bidder offering the lowest evaluated bids.
6. Selected bidder must supply the items & complete the installation within 30 days from the date of issuance of work order. If not, liquidity damages at the rate of 0.1 percent per day shall be charged.
7. Successful bidder must deposit 10% performance security and will be refunded only after the completion of work.
8. The decision of the committee shall be final and binding & the committee reserves the right to accept or reject the bid(s) if not satisfied.
9. The bid shall be valid for a period of 60 days.



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དགེ་ལུ་ཚོང་རིག་མཐོ་རིམ་སློབ་གྲྭ།

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For further information or clarification, please contact Administrative Officer at 05-282511 during office hours.

(Samten Jamtsho)

Deputy President

Deputy President
Gedu College of Business Studies
Gedu, Chukha, Bhutan

Bill of Material (BoM)

SI#	Items	Qty	Units	Unit Price	Amount
1	Hikvision IP Camera 4MP (Bullet) or equivalent EXIR Fixed Mini Network camera 4mm Key Features: Image Sensor: 1/3" progressive scan CMOS Shutter Speed:1/3 s to 1/100, 000 s Slow Shutter: YES Auto-Iris:NO Day & Filter: IR cut filter DNR(Digital Noise Range): 3D DNR WDR (Wide Dynamic Range): Digital WDR Angle Adjustment (Bracket): Pan: 0° to 360°, tilt: 0° to 180°, 0° to 360° Focal Length: 2.8 mm, 4 mm, 6 mm IR Range: Up to 30 m Video Compression: Main stream: H.265 H.264 Sub stream: H.265/ H.264/M JPEG Max Resolution: 2560x 1440 Network Protocols: TCP/IP,ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP,SNMP, IGMP, 802.1X, QoS, IPv 6 UDP, Bonjour Simultaneous Live View: Up to 6 channels	10	nos		
2	Hikvision NVR 16-channel or equivalent IP video input: 16-ch Video output mode: HDMI/VGA simultaneous output Audio output: 1-ch, RCA (Linear, 1 KΩ) Two-way audio input:1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input) Decoding format: H.265+/H.265/H.264+/H.264 Recording resolution: 8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/ 720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF Stream type:Video, Video & Audio Network protocol: TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS Power Supply: 12 VDC, 1.5 A	1	nos		
3	Hikvision IP Camera 4MP (Dome) or equivalent EXIR Fixed Turret Network camera 4mm Key Features: Image Sensor: 1/3" progressive scan CMOS Shutter Speed:1/3 s to 1/100, 000 s Slow Shutter: YES Auto-Iris:NO Day & Filter: IR cut filter DNR(Digital Noise Range): 3D DNR WDR (Wide Dynamic Range): 120 dB Angle Adjustment (Bracket): Pan: 0° to 360°, tilt: 0° to 75°, rotation:0° to 360° Focal Length: 2.8 mm, 4 mm, 6 mm IR Range: Up to 30 m Video Compression: Main stream: H.265 /H.264 Sub stream: H.265/ H.264/M JPEG Max Resolution: 2560x 1440 Network Protocols: TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv 6, UDP, Bonjour Simultaneous Live View: Up to 6 channels	4	nos		
4	Survelence HDD 8 TB	1	nos		
5	PoE Switch 24 port 300w (Ordinary) .Wangling 24-port Normal Giga Uplink+SFP or equivalent	1	nos		
6	6U Rack/400	1	nos		
7	Display LED TV (55 inch)	1	nos		
8	Camera Base Box	14	nos		
9	UTP D-link cable (500 mtr), RJ45 connectors(1 box), Casing Capping, U-clips				
	Total Amount				

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