गोंय विद्यापीठ
ताळगांव पठार,
गोंय - ४०३ २०६
फोन : + ९१ - ८६६९६०९०४८

Goa University
Taleigao Plateau,Goa - 403 206
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(Accredited by NAAC with Grade A+)

GU/DDLI/Cam/17532/26-27/14 **Date: 02/11/2026**

TENDER DOCUMENT
(*E-Tendering mode only*)

Supply of Professional Video Camcorder and Accessories

Goa University invites quotations (e- tender mode only) for the items detailed below. Interested bidders may apply through e-tender process only.

Sr. No.	Name of the item	Qty. in nos.	Earnest Money deposit	Tender Processing fee Non- Refundable
			Mode of payment: E-Payment only	
1	Professional Video Camcorder	01	₹ 26,000.00	₹3,000.00
2	Additional battery for above Camera with charger	02		
3	Dual bay charger for above battery	01		
4	Camera bag	02		
5	Professional PTZ Network Camera (Broadcast Grade)	01		
6	PTZ Camera remote controller for above camera	01		
7	Document Camera	01		
8	Video Monopod with fluid Head	01		
9	Modular Matte Box System	01		
10	LWS for above Modular Matte Box System	01		
11	LWS Universal Lens Support	01		
Detailed specifications are given at Annexure- I				

Tender Schedule

1. The last date of online submission of tender is **23/11/2026** up to **12:00** hrs.

2. The date and time of online opening of Technical Bid is **24/11/2026** after **10:00** hrs.

3. Price Bid will be opened after completion of administrative and technical procedure.

Mode of Payment towards e-Tender Processing Fee (TPF) & Earnest Money Deposit (EMD) to be paid online through e-Payment mode via:

1) National Electronic Fund Transfer (NEFT) / Real-Time Gross Settlement (RTGS). Tenderer requires downloading the pre-printed Challan on e-tender website and making its payment through any of their Bank.

Note: Any Payments made through NEFT/RTGS will take 24 hours for its reconciliation. Hence the payments through NEFT/RTGS should be made at least TWO BANK WORKING DAYS in advance before any due date.

2) Net Banking: Payment can be made through the Internet Banking of Any Bank.

Important Notes to the Bidder:

1. The duly constituted committee appointed by the competent authority of Goa University reserves the right to select certain items (in single or multiple units) or reject any or all mentioned in the schedule.

2. The Bid shall be treated as a 2 Bid System. The Technical Bid will be considered only for applicants whose Earnest Money Deposit (EMD) is found in order. Price Bid shall be opened for only those bidders who have qualified in Technical Evaluation.

3. For technical related queries, may contact Directorate for Digital Learning and Initiatives (DDLI) on phone no. 8669609039/40 and email - ddli@unigoa.ac.in. For other queries may contact Purchase Section on phone nos. 8669609072/24.

4. The Vendor should clearly state the make/brand, model and the year of manufacturing of the items proposed to be supplied in response to the tender.

5. Vendor shall enclose the list of accessories to be provided with the equipment in the Technical bid.

6. Bidders seeking exemption from payment of EMD under MSME scheme must ensure that their company/organisation is registered with the Directorate of Industries, Trade and Commerce (DITC), Goa, in accordance with the provisions of Notification No. 3/40/2003-IND(Pt.II)(Vol.III)/132 issued by the Department of Industries, and published in the Official Gazette of Goa, Series I No. 13, dated 30/06/2022, under the Preferential Purchase Incentives for Micro, Small and Medium (MSME) Enterprises Scheme, 2022.

7. For assistance on e-Tender please contact Support Helpdesk- 91-7972854213, 91-7822039673, 91-7972871944 Email: e-tender.goa@gov.in

Sd/-

(Prof. Sunder N. Dhuri)
REGISTRAR

TERMS AND CONDITIONS OF THE TENDER:

1) **Price /Taxes:**
Prices stated in this tender are firm and shall remain firm until required deliveries have been completed unless otherwise expressly agreed to, in writing by both parties.

2) **Delivery:**
The equipment should be delivered to Goa University within 30 days of placing of order & installation be completed within next 15 days. If any material is not delivered by the date specified therein, the University reserves the right, without liability, to cancel the order for undelivered material not yet supplied and to purchase the same from another vendor and to charge the defaulting Vendor for any loss incurred in this transaction. Any provisions thereof for delivery by installment shall not be construed as obligatory unless agreed upon by both the parties.

3) **Reproduction of Documentation:**
The University shall have the right at no additional charge to use or incorporate all or portions of material found in the Vendor's literature and/or reproduce the Vendor's applicable literature such as operating and maintenance manuals, technical publications, prints, drawings, training manuals and other similar supporting documentation and sales literature.

4) **Shipping, Packaging and Labelling:**
All Material purchased hereunder must be packed and packaged to ensure its safe delivery in accordance with good commercial practices. It shall be the sole responsibility of the vender to provide/replace the item/goods, if it is lost or broken during the shipping or transportation due to whatever may be the reason. Vendor is responsible to ensure, by contacting the University, that the shipping has been properly done i.e., all the items/goods have properly reached the University.

5) **A) Terms of Payment and Conditions:**
   i) **For Indigenous/Indian equipment/stores on DDP Destination basis: -**100% of the total payment shall be released on submission of proof of delivery and on certification of satisfactory installation of the equipment at the University premises.

   ii) **For Foreign Equipment on CIP GOA**: If preferred mode is Letter of Credit (LC), the payment will be through Bank on receipt of documents. In case of credit payment, 100% will be made by Telegraphic Transfer (TT) after receipt and successful installation/demonstration of the equipment.

B) Price Fall Clause: -

If at any time prior to delivery of the equipments/stores, the bidder/supplier reduces the sale price of such equipments/stores as covered under this tender enquiry, to any organisation (including Central/State/Deemed university) at price lower than the price quoted under this contract, he shall forthwith reduce the price payable under this tender for the equipments/stores being supplied after the date of coming into force of such reduction, the price of equipments/stores shall stand correspondingly reduced.

6) SPECIFICATIONS:

i) Specifications are the basic essence of the item/contract. It must be ensured that the offers strictly adhere to our specifications. A tender has to be supported with the printed technical leaflet/literature of the quoted model of the item.

ii) In case of authorised dealers/distributor certificate in prescribed format from Original Equipment Manufacturers (OEM), on the same should be enclosed for participation in the said tender.

iii) It is only when the information about the company/Goods in quotation in technical bid is found satisfactory; the commercial part will be opened.

7) Price Bid:

a) The Cost of the equipment should be inclusive of all taxes and statutory levies. Labour/installation charges, packing, insurance, freight etc. should be mentioned separately (inclusive of all taxes leviable on them). For imported/indigenous goods price to be quoted FOR Goa University. Unit price of each product and accessories should be quoted separately.

b) In case of receipt of the material in short supply or damaged condition the supplier will have to arrange the supplies/ replacement of goods free of cost pending the settlement of the insurance case wherever applicable on FOR at the University or CIF basis for satisfactory installation of the system.

c) No commitment to accept lowest or any bid: University shall be under no obligation to accept the lowest or any other offer received in response to this tender notice and shall be entitled to reject any or all offers including those received late or incomplete offers, without assigning any reason what so ever. University reserves the right to make any changes in the terms and conditions of the bid. University will not be obliged to meet and have discussion with any vendor and or to listen to any representations.

d) Short listing of Vendors: University will create a shortlist of technically qualifying vendors and the financial bid of only these vendors will be opened. University reserves the right to decide whether the items being quoted are as per the requirement of the University and are of standard/leading brands in the

market. University reserves the right to decide which offer best suits the requirement of the University.

e) Installation and Commissioning: Free of cost at University. The OEM must ensure timely installation of the complete unit with necessary support to the indenters.

f) Conditional Offer will not be accepted and technical/financial bids in such cases may be rejected.

g) Past Performance of the Vendors will be judged at the time of Technical Evaluation.

h) All items proposed to be supplied should be of recent manufacture, preferably manufactured in the last three months, and not exceeding six months.

8) Insurance: In case of item requiring import kindly note the following:

a) Please quote CIP value for clearance up to Dabolim Airport, Goa, India.

b) Item must be insured from warehouse of manufacturer to warehouse of Goa University, Taleigao, Plateau, Goa, India.

c) Vendors are advised to declare the commission if any, so that the same shall be paid to the party in Indian currency after successful installation/demonstration of the equipment.

9) Rejection of Bids:

a) If bidders give wrong information in their bid, University reserves the right to reject such bids at any stage and forfeit the Earnest Money Deposit / Performance Bank Guarantee and cancel the order, if awarded.

b) Incomplete bids are liable to be rejected.

c) If the technical offer contains any price information, the offer is liable to be rejected.
All annexures to the tender document should be duly stamped and signed by the bidder and submitted along with the tender bid.

d) The bidder shall provide a self-attested certificate stating that, they have not been disqualified/debarred from submission of tender/quotation under Rule 151 of GFR 2017 by any Government/Ministry/any organisation like University etc. who is funded by State or Central Government.

10) Warranty:

Refer Annexure-I for warranty. Statement of warranty of goods against any manufacturing defects and also give the warranty declaration that everything to be supplied by us hereunder shall be free from all defects and faults in material, workmanship, transportation hazards, and shall be of the highest quality and material of the type ordered, shall be in full conformity with the specifications. During the warranty period, replacement of any part of equipment's or rectification of defects of works will be free of cost.

11) Performance Security:

(a) The successful bidder who has been awarded the contract shall submit a performance security of 5% of the Contract Value.

(b) The performance security shall be deducted from the invoice payable.

(c) The Performance security shall be returned to the bidder within 60 days after completion of contractual obligations and warranty period.

12) Consumables/spares: All hardware & software including drivers, device interface cards/network adaptor card must be pre-configured in the computer equipment provided. Licensed version of system software should be provided in CD (with up gradable version). Manual Hard copies of instruction/operation/service manuals should be supplied. List of important Consumables/ Spares and parts having sufficient shelf life for trouble free operation of four years should also be provided.

13) Training/installation:

a) Installation testing: suppliers of the instrument must provide free installation, commissioning and testing of the equipment in the laboratory at the current temporary site and thereafter at permanent site.

b) Comprehensive training of faculty & staff after installation should be provided, wherever deemed appropriate and an update in every six months (3-4 days) for the first two years and every year (1 week) for the next three years.

14) A.M.C.: A separate annual maintenance contract may be executed after completion of the warranty period.

15) Law of the Contract: The agreement entered with vendor shall be governed by and interpreted in accordance with the laws in existence and within the Jurisdiction of the court of Panaji, Goa.

16) Site preparation:

The supplier shall inform the University about the site preparation, if any, needed for installation, along with the technical bid. Suppliers must provide complete details regarding space and all infrastructural requirements needed for the equipment, which University should arrange before the arrival of equipment to

ensure its early installation and smooth operation thereafter. The supplier may offer his advice and render assistance to University in the preparation of the site and other pre-installation requirements.

17) The successful bidder has to communicate the acceptance of the purchase order within five days of the receipt of the order.

18) The quantity of items in the tender form may increase or decrease as per requirement.

19) Vendors may quote all/Any Items.

Certified that:

I/We have read all the enclosed Terms and Conditions carefully and ready to accept and according to that I/We are submitting herewith the tender.

Date: **Seal & Signature of Vendor**

TECHNICAL BID FORM

I. Addressed to:

a.	Name of the Bidding authority	Registrar, Goa University
b.	Address	Goa University, Taleigao Plateau, Goa – 403 206
c.	Telephone	8669609072/24

II. Other related details:

1.	Name of Bidder/Party				
2.	Name & Designation of Authorised Signatory				
3.	Year of Establishment				
4.	Type of Firm	Public Ltd.	Private Ltd.	Partnership	Proprietary
	Put Tick (√) mark				
5.	Telephone Number (s)/ Mobile				
6.	Website URL				
7.	Fax No.				
8.	Email Address				
9.	GST number and validity				
10.	Pan card number				
11.	Registered Office Address in Goa	Address			
		Phone		Fax:	
		Contact Person			
12.	Service Centre (s) in Goa	Address			
		Phone		Fax:	
		Contact Person			
(Enclose list of Service Centre consisting name of contact person, telephone number, e-mail address, office address.)					

III. Clientele list: List of the institutes/organisations, where the similar order has been executed during the last three years, and work done list should be enclosed.

IV. The rates quoted are applicable up to 3 months from the date of opening of bid. The validity period can be extended with mutual agreement. Following documents are attached towards the proof of earnest money deposited in favour of ITG.

Sr. No.	**Earnest Money deposited through**	**Number**	**Dated**
1.	E-payment mode		

V. We agree to abide by all the conditions mentioned in this Bid Document issued by the Bidding Authority.

Signature:_____

Name:_____

Designation:_____

Place:_____

Date:_____

<u>Note:</u> If the Technical offer contains any price information, the offer is liable to be rejected.

ANNEXURE – I

SR. NO.	ITEM	SPECIFICATION	QTY.
1	**Professional Video Camcorder**	**1) Sensor Type :** Minimum 1.0-type (approx. 13.2 mm x 8.8 mm) Stacked CMOS image sensor ensuring high-speed readout and minimal rolling shutter.	**1**
		2) Resolution : Minimum 14.0 Megapixels (Effective) / 20.9 Megapixels (Total), capable of full-pixel readout and native 5K oversampling for pristine 4K video output.	
		3) Low Light performance : Minimum illumination capability of 1.2 lux (at typical settings: 1/30 shutter, f/2.8 aperture, standard gain)	
		4) Optical Zoom : Minimum 20x integrated, motorized, professional optical zoom lens.	
		5) Focal Length : 35mm full-frame equivalent focal range of 24mm (Wide-angle) to 480mm (Telephoto).	
		6) Aperture : Fast maximum aperture profile ranging from f/2.8 (Wide) to f/4.5 (Telephoto).	
		7) Lens Controls : Must feature two independent physical manual control rings dedicated to Focus, and Zoom and two independent dials for Iris and ND.	
		8) DIgital Extension : Advanced clear image digital zoom capable of minimum 1.5x extension in 4K UHD and 2x extension in HD without severe spatial degradation.	
		9) Filter Diameter : Industry standard 72mm front filter thread	

		10) ND Filter : Built-in Stepless Electronic Variable Neutral Density (ND) filter, ranging linearly from 1/4 ND to 1/128 ND with Auto ND capability.	
		11) Image Stabilization : Dual-mechanism system featuring physical Optical lens-shift and advanced Electronic (Active) mode stabilization utilizing gyro data.	
		12) Video Resolution : Native internal recording support for 4K UHD (3840 x 2160) and Full HD (1920 x 1080).	
		13) Colour Subsampling : Internal recording must support 10-bit color depth with 4:2:2 chroma subsampling.	
		14) Base Frame Rate : 4K UHD recording at standard baseband rates of 23.98p, 25p, 29.97p, 50p, and 59.94p.	
		15) High Frame Rate (Slow Motion) : Internal Slow & Quick motion recording of 4K UHD up to 120 fps, and Full HD up to 240 fps.	
		16) Codec Support : Broad support for highly efficient HEVC (H.265), AVC (H.264), Intra-frame, and Long-GOP compression formats.	
		17) Broadcast Wrappers : Must support industry-standard MXF file wrapping natively, or the vendor must guarantee compliance via a future zero-cost firmware upgrade.	
		18) Gamma/Color Science : Built-in standard REC.709, Logarithmic Gamma profiles, HLG (Hybrid Log Gamma) for HDR, and dedicated cinematic skin-tone matrices	
		19) Proxy Workflow :: Simultaneous low-bitrate proxy recording	

		20) AF System : Fast Hybrid Auto Focus system utilizing a high-density array of at least 475 phase-detection points combined with contrast-detection.	
		21) Subject Recognition : Dedicated deep-learning/AI processing unit capable of real-time human pose estimation, face, and eye tracking.	
		22) Auto Framing : Internal AI Auto-Framing functionality capable of automatically cropping and digitally panning/tilting the 4K sensor to keep a recognized subject perfectly centered in a tracked Region of Interest (ROI).	
		23) SDI output : 1x professional BNC terminal supporting 12G-SDI, 6G-SDI, 3G-SDI (Level A/B), and HD-SDI for uncompressed baseband video transmission.	
		24) HDMI output : 1x HDMI Type-A connector.	
		25) Simultaneous Output on SDI, HDMI and LCDMonitor.	
		26) Timecode : 1x BNC terminal dedicated to Timecode, switchable between TC IN and TC OUT modes.	
		27) Network / LAN : 1x RJ-45 Gigabit Ethernet terminal (1000BASE-T / 100BASE-TX)	
		28) USB Interface : 1x USB Type-C interface (SuperSpeed USB 3.2 Gen 1) supporting external power delivery/charging.	
		29) Webcam Support : Native support for UVC (USB Video Class) allowing direct plug-and-play webcam functionality without capture cards.	
		30) Wireless / Wi-Fi : Built-in dual-band Wi-Fi (2.4 GHz and 5 GHz) supporting IEEE 802.11a/b/g/n/ac.	
		31) Live Streaming : Internal streaming engine supporting RTMP,	

		RTMPS, and Secure Reliable Transport (SRT) protocols directly from the camera.	
		32) Remote Control : 1x 2.5 mm LANC port for wired remote control integration (e.g., pan-bar zoom controllers).	
		33) XLR Inputs : 2x 3-pin XLR audio inputs, electronically switchable between LINE, MIC, and MIC+48V phantom power.	
		34) Audio Recording Format : 4-Channel, 24-Bit, 48 kHz LPCM (Linear Pulse Code Modulation) uncompressed audio recording.	
		35) Hot Shoe : Multi-contact intelligent hot shoe with integrated digital audio interface capabilities for cable-free wireless receiver connections.	
		36) LCD Monitor : Minimum 3.5-inch articulating LCD multi-touchscreen display with high resolution (approx. 2.76 million dots).	
		37) Viewfinder (EVF) : Minimum 0.39-inch high-contrast OLED electronic viewfinder (approx. 2.36 million dots) with diopter adjustment ranging from -4.0 to +3.0 m^{-1}.	
		38) Media Slots : Dual multi-format memory card slots compatible with both high-speed CFexpress (Type A equivalent) and SD (UHS-I/II compliant) cards, supporting simultaneous and relay recording.	
		39) Warranty : Manufacturer's standard warranty (Vendor to specify duration)	
2	**Additional battery for above Camera with charger**	**1) Maximum/Nominal voltage :** 16.4 V DC/14.4 V DC	**2**
		2) Capacity : 72 Wh or more	
		3) Remaining capacity display using LEDs	
3	**Dual bay charger for**	**1)** Dual bay charger for above batteries	**1**

	above battery		
4	**Camera bag**	**1)** Professional, heavy-duty padded carrying bag explicitly designed for broadcast handheld camcorders.	**2**
5	**Professional PTZ Network Camera (Broadcast Grade)**	**1) Sensor Type :** Must utilize a minimum 1.0-inch type CMOS sensor to ensure a high signal-to-noise ratio and broadcast-appropriate shallow depth of field.	**1**
		2) Resolution : Minimum effective resolution of 8 megapixels for native 4K UHD capture without interpolation.	
		3) Image Processor : Advanced multi-core image processing engine capable of real-time debayering, noise reduction, and HD oversampling.	
		4) Low-Light performance : Minimum sensitivity of 1.5 lux or better at 4K/30p (at approx. 1/30 sec shutter speed, max gain).	
		5) Optical Zooom : Minimum 15x true optical zoom achieved purely through lens element displacement.	
		6) Digital zoom : Minimum 20x supplementary digital zoom.	
		7) Focal Length : 35mm equivalent focal length range of approximately 25.5 mm (Wide) to 382.5 mm (Telephoto).	
		8) Aperture and Iris : Variable aperture from f/2.8 (Wide) to f/4.5 (Telephoto) utilizing a multi-blade(9 or more) iris.	
		9) Field of View : Maximum horizontal angle of view of 73° or wider.	
		10) Image Stabilisation : Hardware-based Optical Image Stabilization (OIS) utilizing shifting glass elements.	
		11) ND Filter : Built-in motorized neutral density filters (Clear, 1/4, 1/16, 1/64)	

		12) Autofocus : Advanced phase-detection autofocus (or equivalent high-accuracy continuous AF) with face tracking.	
		13) Pan Range : Minimum ±170° rotation range from center axis.	
		14) Tilt Range : Minimum -30° to +90° vertical rotation range.	
		15) Pan Speed : Variable proportional pan and tilt speeds from 0.1°/sec up to 100°/sec.	
		16) Presets : Internal memory to store and accurately recall a minimum of 100 preset positions.	
		17) Acoustic profile : Smooth, vibration-free, and virtually silent operation suitable for acoustic/broadcast environments.	
		18) 4K UHD Output. : Must capture and output 4K UHD (3840 x 2160) video at 25/29.97/30 fps.	
		19) Full HD Output : Must output Full HD (1920 x 1080) video at 50/59.94/60 fps with oversampling processing.	
		20) Colour Depth and Sampling : Minimum 10-bit bit depth with 4:2:2 chroma subsampling over baseband outputs.	
		21) Gamma Support : Must support standard BT.709, wide dynamic range (Wide DR) profiles, and logarithmic gamma curves.	
		22) Video Codecs : Internal hardware encoding support for both H.265/HEVC and H.264/AVC compression standards.	
		23) Multi-Stream : Capability to simultaneously encode and distribute multiple IP video streams at varying resolutions and bitrates.	

		24) 1 x Minimum 3G-SDI output (BNC) carrying embedded audio and timecode, SMPTE compliant.	
		25) 1 X HDMI Type-A uncompressed output port.	
		26) 1 X RJ45 1000Base-T Ethernet port for IP streaming, control telemetry, and PoE delivery.	
		27) Sync/GenLock : BNC Genlock input terminal	
		28) Protocols : Native support for standard streaming protocols including RTMP, RTMPS, RTSP, RTP, and secure SRT.	
		29) NDI|HX : Must feature built-in support for NDI|HX	
		30) Configuration : Built-in browser based graphical user interface for complete remote configuration over LAN/WAN.	
		31) Network Control : Standard VISCA over IP communication over Ethernet.	
		32) Serial Control : Support for RS-422 serial control	
		33) Internal Storage : MicroSD card slot	
		34) Balanced Audio Inputs : Dual professional 3-pin XLR audio inputs with switchable Mic/Line levels and 48V Phantom Power.	
		35) Unbalanced Audio Input : Standard 3.5mm stereo mini-jack microphone input with plug-in power..	
		36) DIgital Embedding : Hardware DSP embedding of analog audio over HDMI, SDI, and all IP networks.	
		37) Network Power : Must support Power over Ethernet (PoE+ IEEE802.3at compliant).	
		38) External Power :	

		Secondary DC power input with supplied manufacturer AC adapter.	
		39) Mounting : Hardware compatibility for tripod (1/4"-20 thread), wall, and inverted ceiling mounting with digital image flip function.	
		40) Warranty : Manufacturer's standard warranty (Vendor to specify duration)	
6	**PTZ Camera remote controller for above camera**	**1)** Must be compatible with the above PTZ Network Camera	1
		2) Simultaneous IP control capability for multiple PTZ cameras (minimum 200 cameras preferred).	
		3) Must support camera grouping functionality	
		4) Preset memory support	
		5) High-precision, multi-axis hardware joystick for pan, tilt, and zoom operations.	
		6) Dedicated, professional-grade zoom rocker control.	
		7) Built-in color touchscreen LCD display (minimum 3.5-inch diagonal size).	
		8) Must provide real-time camera status monitoring	
		9) Must feature Live camera preview support natively on the touchscreen	
		10) Must support touch focus from the panel	
		11) Built-in waveform monitor and vectroscope assist function	
		12) Must feature quick-access programmable buttons.	
		13) Support for standard PTZ control protocols over IP.	
		14) LAN connectivity via dedicated RJ45 Ethernet port.	
		15) Should feature serial control support	

		16) Support for tally integration	
		17) Warranty : Manufacturer's standard warranty (Vendor to specify duration)	
7	**Document Camera**	**1)** Must feature a minimum 13 Megapixel CMOS image sensor	1
		2) Video I/O : 1 x HDMI Output, 1 x USB-C Output	
		3) Lens must have autofocus capability	
		4) FOV : 80^0 or more	
		5) Max resolution : 4096 x 3072 or more	
		6) Built in omni directional microphone	
		7) Audio compression : PCM or better	
		8) SNR : 60 dB or more	
		9) Video Compression : MJPG, YUV or better	
		10) Max Frame Rate : 4096 x 3072 @15 fps 3264 x 2448p @30fps 3840 x 2160p @30fps 1920 x 1080p @60fps 1920 x 1080p @30fps	
		11) Must natively feature dual connectivity modes supporting both direct HDMI and standard USB operation	
		12) Must possess a Standalone HDMI mode capable of operating directly with interactive displays or projectors entirely without computer dependency.	
		13) Must have UVC and UAC compliant operation	

		14) Must provide an expansive maximum capture area suitable for Tabloid size document capture.	
		15) Built-in Swiveling Head and Multi jointed Stand	
		16) Built-in LED illumination	
		17) Cross-platform compatibility with modern Windows and MacOS environments.	
		18) Must ensure seamless input support for OBS Studio, Zoom, Microsoft Teams and Google Meet.	
		18) Warranty : Manufacturer's standard warranty (Vendor to specify duration)	
8	**Video Monopod with fluid Head**	**1)** Must feature a high-strength carbon fiber body construction for the main support columns to ensure maximum torsional rigidity.	1
		2) Should feature a lightweight professional design optimized for high-mobility field use and continuous deployment.	
		3) Minimum Head load capacity should be at least 5 kg	
		4) Maximum operating height must be approximately 170 cm to 175 cm or more	
		5) Folded/Collapsed height must not exceed 80 cm	
		6) Must utilize a minimum of 4 multi-section telescopic design featuring distinct leg sections for optimal storage.	
		7) Should feature a lightweight professional design optimized for high-mobility field use and continuous deployment.	
		8) Should feature a rapid One-Button Lift & Lock lever system for fast, one-handed height adjustments.	
		9) Must include a single press detachable tripod-style fluid base platform.	

		10) Minimum Tripod load capacity should be at least 15 kg.	
		11) The base must feature three foldable support feet to provide an expanded footprint for structural stability.	
		12) Must incorporate an articulated ball-joint or fluid-cartridge mechanism at the base, allowing smooth swivel and a minimum of 30-to-40-degree tilt movement.	
		13) Must feature a base locking capability to allow the monopod to stand rigidly vertical when temporarily required.	
		14) Base attachment must support standard dual 1/4”-20 and 3/8”-16 compatibility threading allowing the base, column, and head to be fully modular and separated.	
		15) A professional-grade fluid video head must be included and fully integrated into the system.	
		16) Head must support a minimum operational payload capacity of 5 kg.	
		17) Must feature genuine sealed hydraulic/fluid damping mechanisms for smooth pan and tilt movement completely free of friction judder.	
		18) Must feature an internal spring-loaded counterbalance system to assist with camera weight distribution and prevent diving during steep tilts..	
		19) Must feature an independent pan lock and an independent tilt lock.	
		20) Must include a detachable, adjustable pan handle for precise operational control.	
		21) Must include a sliding quick release plate system compatible with industry-standard broadcast tripods and commercial camera motorized stabilizers	
		22) Must feature standard camera mounting screw compatibility (including both 1/4”-20 and 3/8”-16 mounting points on the plate).	
		23) Must support continuous, unrestricted 360-degree pan capability and fluid-damped tilt operation with a minimum of 75-degree upward and 75-degree downward tilt limits.	

		24) Must include integrated precision bubble levels to assist the operator in establishing accurate horizontal alignment..	
		25) Warranty : Manufacturer's standard warranty (Vendor to specify duration)	
9	**Modular Matte Box System**	**1) Material :** Carbon Fiber	1
		2) Lens compatibility : 95 mm Clamp with 67/72/77/82 mm Adapter Included	
		3) Removable Filter Trays : 2 x (4x5.65" Slide in)	
		4) Flags on top and two sides	
		5) Should work with Circular Filters	
		6) 2 x USB-A ports supporting data transfer speeds up to 5Gbps.	
		7) Warranty : Manufacturer's standard warranty (Vendor to specify duration)	
10	**LWS for above Modular Matte Box System**	**1)** 15mm LWS Rod Support	1
		2) Rod Ports : 2 x 15mm Rod Ports	
		3) 1/4"-20 Screw support to secure Matte box	
		4) 0.8" or more Vertical Adjustment	
		5) Warranty : Manufacturer's standard warranty (Vendor to specify duration)	
11	**LWS Universal Lens Support**	**1)** 15 mm LWS Rod Support	1
		2) Up to 150 mm Lens Diameter Support	
		3) 2.1" or more Vertical Adjustment	
		4) Y-Shaped Lens Support	

		6) Warranty : Manufacturer's standard warranty (Vendor to specify duration)	

- Make, Model and year of manufacture of the item quoted shall be specified.
- "**Service and Support Facility in Goa:** The bidder shall either have its own service/support centre in the State of Goa or have a formal arrangement with an authorised service provider for providing service and support within Goa. The bidder shall submit a letter/certificate specifying the details of its service/support centre or the collaborating service provider in Goa, along with the bid."