

PROCUREMENT OF GOODS UNDER

SHOPPING PROCEDURES

INVITATION OF QUOTATIONS

FOR

PROCUREMENT OF

IP CCTV SYSTEM

BID NO: TF/AD/11/08

TOWER HALL THEATER FOUNDATION

**‘Sausiripaya’,
123, Wijerama mawatha,
Colombo 7.**

SECTIONS

- Section I. Instructions to Vendors (ITV)
- Section II. Data Sheet
- Section III. Schedule of Requirements
- Section IV. Form of Bid
- Section V. Price Schedule
- Section VI. Qualification Information Notes on Form of Qualification
- Information Section VIII. Experience in similar work.

Section I. - Instructions to Vendors (ITV)

A: General		
1.	Scope of Bid	1.1 - The Purchaser identified in the Data Sheet invites your firm to submit a quotation for the supply of Goods in accordance with the requirements outlined in Section III – Schedule of Requirements. - You are kindly requested to confirm receipt of this invitation and to notify the Purchaser of your intention to submit a quotation upon receipt of this request. - Please be advised that suppliers who do not acknowledge this invitation, or who fail to submit a quotation after confirming their intention to do so, may not be considered for future requests for quotations issued by the Purchaser.
B. Contents of Documents		
2.	Contents of Documents	2.1 The Quotation Documents shall consist of the following Sections: Section I: Instructions to Vendors (ITV) Section II: Data Sheet Section III: Schedule of Requirements Section IV: Quotation Submission Form(s) Section V: Price Schedule Section VI: Qualification Information and Notes on the Form of Qualification Information Section VII: Experience in Similar Work
C: Preparation of Quotation		
3.	Documents Comprising your Quotation	3.1 The Quotation shall comprise the following documents: (a) Duly completed Quotation Submission Form(s) together with the Price Schedule(s); (b) Technical Specifications, including documentary evidence demonstrating full compliance with the specifications and requirements stated in the bidding documents.

4.	Quotation Submission Format and Price Schedules	4.1 The Vendor shall submit the Quotation Submission Form using the form provided in Section V of this document. The form shall be completed strictly in accordance with the prescribed format, and no modifications or substitute forms shall be accepted. All blank spaces in the form shall be duly completed with the information requested. 4.2 Alternative Offers Alternative or multiple offers for the same item shall not be considered. Vendors are strictly advised to submit only one offer per item, representing the most competitive option available. Submission of multiple options or alternative quotations may result in rejection of the Quotation.
5.	Prices and Discounts	5.1 Pricing of Items Unless expressly stated otherwise in the Data Sheet, all items must be priced separately in the Price Schedule(s). Failure to provide separate pricing for each item may result in the Quotation being deemed non-responsive. 5.2 Total Quoted Price The price indicated in the Quotation Submission Form shall represent the total price of the Quotation, inclusive of all applicable taxes, duties, and any discounts offered. Quotations not reflecting the total price as required may be rejected. 5.3 Value Added Tax (VAT) The applicable Value Added Tax (VAT), if any, shall be indicated separately in the Price Schedule and the Quotation Submission Form. Failure to show VAT separately may render the Quotation non-responsive. 5.4 Firm Prices Prices quoted by the Vendor shall be fixed and remain valid for the entire duration of the Contract. Prices shall not be subject to any adjustment on any account. Quotations submitted with adjustable or variable prices shall be deemed non-responsive and may be rejected.
6.	Currency	6.1 Currency of Quotation

		Vendors shall submit their quotations exclusively in Sri Lanka Rupees (LKR). Quotations submitted in any other currency shall be considered non-responsive and may be rejected.
7.	Documents to Establish the Conformity of the Goods	7.1 Technical Compliance The Vendor shall provide, as part of its Quotation, all necessary documentary evidence demonstrating that the Goods fully conform to the technical specifications and standards set out in Section IV – Technical Specifications & Compliance with Specifications. Quotations not accompanied by such evidence may be deemed non-responsive and rejected. 7.2 Documentary Evidence of Technical Compliance The documentary evidence submitted by the Vendor may include literature, drawings, or data, and shall provide a detailed, item-by-item description of the essential technical and performance characteristics of the Goods. The evidence must demonstrate the Goods’ substantial compliance with the technical specifications set forth in Section IV – Technical Specifications & Compliance with Specifications. Where applicable, the Vendor shall clearly indicate any deviations or exceptions from the provisions of the Technical Specifications. If required by the Data Sheet, the Vendor shall also submit a certificate from the manufacturer demonstrating that the Vendor is duly authorized by the manufacturer or producer to supply the Goods in Sri Lanka. Quotations not accompanied by the required documentary evidence or authorization certificates may be considered non-responsive and rejected.
8.	Period of Validity of quotation	8.1 Quotation Validity Quotations shall remain valid and binding for a period of sixty (60) days from the quotation submission deadline. Quotations that do not meet this validity requirement may be considered non-responsive and rejected.

9.	Format and Signing of Quotation	9.1 Form and Signature of Quotation The Quotation shall be typed or written in indelible ink and must be signed by a person duly authorized to sign on behalf of the Vendor. Quotations unsigned or signed by an unauthorized person shall be considered non-responsive and may be rejected.
D: Submission and Opening of Quotation		
10.	Submission of sealed Quotation	10.1 Submission of Quotations Vendors may submit their Quotations either by hand or by mail in sealed envelopes addressed to the Purchaser. Each envelope must bear the specific identification of the Contract Number as indicated in the bidding documents. Quotations not properly addressed or not enclosed in a sealed envelope may be considered non-responsive and rejected.
		10.2 Sealing and Marking of Quotations If a Quotation is not properly sealed and marked in accordance with the instructions provided, the Purchaser shall not be held responsible for any misplacement, loss, or premature opening of the Quotation. Quotations that are improperly sealed or marked may be considered non-responsive and rejected.
11.	Deadline for Submission of Quotation	11.1 Deadline for Submission Quotations must be received by the Purchaser at the address specified in Section II – Data Sheet, no later than the date and time indicated in the Data Sheet. Quotations received after the specified deadline shall be considered late and may be rejected.

12.	Late Quotation	12.1 Late Quotations In accordance with ITV Clause 11.1, the Purchaser shall reject any Quotation that arrives after the deadline for submission. Late Quotations shall not be considered under any circumstances.
13.	Opening of Quotations	13.1 Opening of Quotations The Purchaser shall conduct the opening of Quotations in public at the address, date, and time specified in Section II – Data Sheet. Vendors or their authorized representatives may attend the public opening and witness the proceedings in accordance with the procedures set forth in the bidding documents. Attendance at Public Opening 13.2 A representative of the Vendors may be present at the public opening of Quotations and is required to mark their attendance upon arrival. Vendors’ representatives shall adhere to the procedures established by the Purchaser during the opening process.
E: Evaluation and Comparison of Quotation		
14.	Clarifications	14.1 Clarification of Quotations To assist in the examination, evaluation, and comparison of Quotations, the Purchaser may, at its discretion, request any Vendor to provide clarifications regarding its Quotation. Any clarification provided by a Vendor that is not in response to a specific request from the Purchaser shall not be considered in the evaluation process.

		14.2 Clarification in Writing Any request for clarification issued by the Purchaser, and the Vendor's corresponding response, shall be submitted in writing. Verbal clarifications or responses shall not be considered as part of the Quotation evaluation process.
15.	Responsiveness of Quotations	15.1 Clarification in Writing Any request for clarification issued by the Purchaser, and the Vendor's corresponding response, shall be submitted in writing. Verbal clarifications or responses shall not be considered as part of the Quotation evaluation process. 15.2 Non-Responsive Quotations If a Quotation is evaluated as not substantially responsive to the requirements of the bidding documents, it may be rejected by the Purchaser. Quotations deemed non-responsive shall not be considered further in the evaluation process.
16.	Evaluation of quotation	16.1 Evaluation of Substantially Responsive Quotations The Purchaser shall evaluate each Quotation that has been determined to be substantially responsive to the requirements of the bidding documents. Evaluation shall be carried out in accordance with the procedures and criteria set forth in the bidding documents and the National Procurement Guidelines.

		16.2 Quotation Evaluation Criteria In evaluating a Quotation, the Purchaser may consider the following factors: (a) The Price as quoted in the Quotation Submission Form; (b) Adjustments for correction of arithmetical errors; (c) Adjustments due to discounts offered, if applicable. Evaluation shall be conducted in accordance with the procedures and criteria specified in the bidding documents and the National Procurement Guidelines.
		16.3 Additional Evaluation Factors The Purchaser's evaluation of a Quotation may include consideration of factors other than the Price quoted, if specified in Section II – Data Sheet. Such factors may relate to the characteristics, performance, and the terms and conditions of purchase of the Goods.
17.	Purchaser's Right to Accept any Quotation, and to Reject any or all Quotations	17.1 Right to Accept or Reject Quotations The Purchaser reserves the right to accept or reject any Quotation, and to annul the procurement process and reject all Quotations at any time prior to the formal acceptance of a Quotation, without incurring any liability to the Bidders.
F: Award of Contract		
18.	Acceptance of the Quotation	18.1 Award of Contract The Purchaser shall award the Contract to the Vendor whose Quotation has been determined to be the lowest evaluated bid and is substantially responsive to the requirements of the bidding documents.
19.	Notification of Acceptance	19.1 Notification of Award Prior to the expiration of the Quotation validity period, the Purchaser shall notify the successful Vendor in writing that its Quotation has been accepted.

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Section II. Data Sheet
Procurement of CCTV SYSTEM
Tower Hall Theatre Foundation

ITV Clause Reference	
1.1	Procurement of Computer Accessories
	The Employer : Tower Hall Foundation Address : ‘Sausiripaya’ 123, Wijerama Mawatha, Colombo 07. The Located at : Sausiripaya
3	Documents to Be Submitted with the Quotation Vendors shall submit the following documents along with their Quotation. All required supporting documents must be attached: 1. Company Profile 2. Experience in Similar Work (for the year 2025) 3. Financial Capability (for the year 2025) 4. Price Schedule 5. Business Registration Certificate 6. VAT Registration Certificate 7. Quotation Submission Form 8. Qualification Information and Notes on Form of Qualification Information 9. Form of Bid Quotations not accompanied by the required supporting documents may be considered non-responsive and rejected.
4.2	Alternative Offers Alternative or multiple offers for the same item shall not be considered. Vendors are advised to submit only one offer per item, representing the most competitive option available. Submission of multiple options or alternative quotations may result in rejection of the Quotation.

6.1	Currency of Quotation Vendors shall submit their Quotations exclusively in Sri Lanka Rupees (LKR). Quotations submitted in any other currency shall be considered non-responsive and may be rejected.
7.2	Mandatory Registration Certificates Vendors shall submit the following mandatory certificates along with their Quotation: • Business Registration Certificate • VAT Registration Certificate Quotations not accompanied by these certificates may be considered non-responsive and rejected.
8.1	Quotation Validity Quotations shall remain valid and binding for a period of sixty (60) days from the quotation submission deadline date. Quotations not meeting this requirement may be considered non-responsive and rejected.
9	Form and Signature of Quotation The Quotation shall be typed or written in indelible ink and must be signed by a person duly authorized to sign on behalf of the Vendor. Quotations unsigned or signed by an unauthorized person shall be considered non-responsive and may be rejected.
13	The quotations shall be opened at the following address: Tower Hall Teatre Foundation ‘Sausiripaya’, 123, Wijayarama Mawatha, Colombo 07. Date time of the Quotation 2026/09 /15 Time: 11.00 Am

14	Clarifications on Bid Document Any requests for clarifications regarding the bidding documents shall be submitted in writing to the Purchaser at the address indicated above, on or before (2026.09.14) Verbal requests or submissions after the specified date shall not be considered.
16.2	<u>Quotation Examination Criteria</u> Quotations submitted by Vendors shall be examined to ensure compliance with the requirements of the bidding documents. The following criteria shall be applied: I. Vendor Eligibility • The Bidder must not be blacklisted by any government or public entity. II. Quotation Submission Form • The Quotation Submission Form must be correctly completed and signed. III. Signature Authorization • The person signing the Quotation Submission Form must be duly authorized. • Vendors shall submit an authorization letter from the firm specifying the name and specimen signature of the authorized signatory. In addition, the following supporting documents must be provided depending on the type of firm: a) Company: Copy of the Board Resolution and Directors' Information Certificate, certified by the Company Secretary. b) Partnership: Power of Attorney or Letter of Consent signed by the other partners. c) Joint Venture: Power of Attorney or Letter of Consent signed by all parties. IV. Bid Security Declaration • The Bid Security Declaration Form must be correctly filled and signed. Rejection of Quotations • Quotations shall be rejected if any of the above requirements (I–IV) are not met. • Any material deviation or reservation to the terms, conditions, and technical requirements specified in Section IV – Technical Specifications & Compliance of the shopping document shall result in rejection of the Quotation.

16.3	Post-Qualification Criteria Vendors whose quotations are determined to be substantially responsive shall undergo post-qualification assessment to confirm their capability to perform the contract. The following documents shall be submitted as part of the post-qualification evaluation: 1. Audited Financial Statements – Copies of the last two years’ audited financial statements, demonstrating the financial capability of the Vendor. 2. Client References – Documentary evidence of previous contracts or assignments performed, confirming experience and satisfactory performance in similar works. Quotations from Vendors failing to meet the post-qualification criteria may be rejected, even if their bid is the lowest evaluated price.
17.1	Right to Accept or Reject Quotations The Purchaser reserves the right to accept or reject any Quotation, and to annul the procurement process and reject all Bidders at any time prior to the formal acceptance of a Quotation, without incurring any liability to the Bidders.
18.1	Contract Award The Contract shall be awarded to the Vendor whose Quotation is the lowest evaluated and substantially responsive bid, in accordance with the requirements of the bidding documents.
19	Contract Signing The successful Vendor shall be required to enter into a formal agreement with the Tower Hall Theater Foundation prior to the commencement of any contract-related activities.

Section III

Schedule of Requirement

**Providing of Services – Procurement of Goods and equipment-
(Computers and Multimedia Dives) -**

No	Description Of Content	Quantity	Final Destination	Delivery & Installation Date	
				Latest Delivery & Installation Date	Bidders offered Delivery & Installation date (to be provided by the bidder)
01	Design, Supply Delivery, Installation, Testing, Commissioning & Maintenance of a CCTV Camera System	01	‘Sausiripaya’, 123, Wijayarama Mawatha, Colombo 07.	(04) Week	
02	UPS	01			
04	TV	01			
03	Wall Mount For TV	01			
04	Wall Mounted Equipment Cabinet_7U	01			

Name of Bidder -

(Insert complete name of Bidder)

Signature of Bidder -

(Signature of person signing the Bid)

Specification for Design, Supply, Delivery, Installation, Testing, Commissioning & Maintenance of a Complete CCTV Camera System for Rukmani Devi Theater & Tower Hall Theater

Background	The system shall be used for monitoring the office premises of office Entrance, museum, hall audiences, lobby area, generator section, class hall, parking throughout all 24 hours of the day.
	The bidder should quote for design, supply, delivery, installation, testing, Commission & maintenance of a complete CCTV systems Comprising all equipment & accessories with all civil works.
	The bidder should quote separately for each & every location considering all practical conditions after visiting site .(Bidder must prove that he has visited site in written by a signature of manger of Rukmani Devi Theater representative
	The system should allow live monitoring, Recording, playback, mobile view at same time with all cameras.
	The bidder shall undertake the installation work at site according to the international standards.
	The installation work shall be done according to the specification, but not be limited to the specifications (bidder can add/reduce no cameras, if the bidder can assure the intention of monitoring of Rukmani devi theater).
	All related parts of the system should be compatible with each other
	The bidder should submit the installations with the bid.
	Detailed technical specifications of related parts should be submitted separately with the bid.
	The bidder must visit the site before giving offers.
	Technical brochures of all components should be submitted with the bid for confirming the technical specifications.
	Bidder should submit the cost with detailed breakdowns separately for evaluating the offers the offers effectively with a sketch of location with all details required.
	The final decision it taken by the Tower Hall theater foundation considering all aspects

Rukmani Davi Theater
Specifications for NVR System

Feature	Minimum Requirement	Bidders' compliance	
		yes/ no	If no bidder's response
Brand	(Branded)		
Country of Origin & Country of Manufacture / Assembly	(Branded)		
Country of manufacture	(Branded)		
Warranty Period	Specify		
System capability	Simulation live recording & playback ,Network support , Mobile access		
Main Processor	Specify		
OS	Specify		
Video Input	IP video input 32 channels up to 8 MP		
Video Recording resolution	8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF /DCIF/2CIF/CIF		
Video recording output	HDMI (1920*1080p/60Hz or higher)		
Audio input	Specify		
Audio output	HDMI , 1no .of RCA		
Display speed	Specify		
Display resolution	3840*2160P		
Display split	1/4/8/16/32/64		
OSD (On screen Display)	Camera title ,Date & time ,Recording , Motion detection ,Video loss, Camera lock		
Multiple display	Specify		
Screen modes	Selectable full screen, Sequencing full screen , Quad, Multi screen, User defined , Camera in sequencings, User defined camera in multi-screen		
Decoding format	H.264/H.265/H.265+/MPEG-4/H.265 / H.265+		
Live view /Playback resolution	8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF		
Synchronous playback	32 channels up to 64 channel upgradable		
Capability	1-ch @ 8MP/4-ch @1080p		
Backup mode	HDD		
Backup mark & Model	Specify		
Minimum capacity	6TB HDDs		
Warranty	05 years		

Backup Period	Minimum 40 days		
Network interface	RJ45 10/100/1000 Adaptive Ethernet		
Network protocol	TCP/IP , DHCP/ ,DNS,DDNS,NTP,SADP,SMTP,NFS,ISCSI,UPNPTM,HTTPS.		
Smart Phone	IPhone ,iPad ,Android		
External Network interface	1 RJ 45 10/100/1000 Mbps self-adaptive Ethernet interface		
External USB interface	2*USB 2.0		
External VGA output	1* VGA		
Activation	Camera & NVR Activation Password should be provided		
WAN Port	1* WAN		
LAN Out	32 or 64 LAN out with POE		
Language	English		
Chassis	Specify		
Dimensions	Specify		
USB interface	Minimum 02 nos.		
Control mode	Keyboard , Mouse		
Password Protection	Should be available		
Power supply	Specify		
Power(W)	Specify		
Working Environment	5-50C deg , 10-90RH%		
Special Features	Specify		
Operating Temperature	0°C to +40°C(32°F to 104°F)		
Operating Humidity	20% ~ 85% RH		
Power Input	100 to 240 VAC, 50 to 60 Hz		
Power consumption	≤ 30 W (without HDD)		
Viewer Software	PC Viewer, Mobile App		
Compliance	NDAA		
Certification (Please attached Certificates)	UL 62368-1 IEC 62368-1:2014		
Communication Standard	ONVIF (Profile S, Profile G, Profile T, Profile M)		
EMC	BS EN 55032:2015/A11:2020 BS EN 50130-4:2011 BS EN 61000-3-3:2014 BS EN 61000-3-3:2103		
RoHS	BS EN IEC 63000:2018		
Product certifications of the quoted Model	product certifications of the quoted model energy star or any other equal certificate to energy star issued by authorized body who has the authority to do so (Document evidence must be provided)		

Service	Shall have 3 Years manufacturer warranty and the same shall be submitted on manufacturers Letter head. During the warranty period, all defective parts should be replaced free of charge. Bidder should visit at least one time per year for service during the warranty period for the maintenance purpose and should submit the report to the relevant staff of the university without additional cost		
Installation and configuration	Installation and configuration should be done according to the requirements of Rukmani Devi Theater, Sri Lanka. Bidder must take responsibility for CCTV Camera system should work ZERO downtime and ERRORS.		
Customer Service and Support	Bidder should mention their hotline to support.		
Manufacturer Authorization Certificate	Manufacturer Authorization Certificate should be provided. (Originals should be provided on request.)		
Warranty	3 Years 24 x7 on-site comprehensive warranty from OEM.		
Warranty Information	should be fix sticker with – supplier name -contact numbers -date of commissioning of hardware – warranty period		
Brochure	Suppliers should provide brochures of make/ model quoted as per above specification		

Specification for UPS

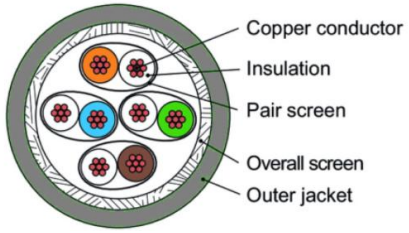
Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Brand	Should be International Reputed Brand Only (Branded) (Specify)		
Model	(Branded) (Specify)		
Country of Origin	(Specify)		
Country of Manufacturing/ Assembly	(Specify)		
Year of Manufacturing	(Specify)		
Capacity	2000VA		
Input Voltage	140 – 300V 5VAC		
Output Voltage	230VAC		
Number of Power Outputs	2 or Higher		
Battery Mode	230VAC 10%		
Transfer Time	2ms 2-6ms		
Battery Type	12V/7 AH — 1pc		
Backup Time	45 minutes depending on load		
Recharge Time	2 to 6 hours to reach 90% capacity		
Surge Protection	Yes		
Battery Management	-Battery Mode 100 ~ 102% 5 secs shutdown, 120% -Prevent overcharging		
Alarm	Yes		
General Noise Level	40dB		
Temperature	0°C ~ 40°		
Humidity	0 ~ 95% relative humidity		
Power Factor	> =0.99		
Manufacture Experience	Manufacturer should have minimum of 5 years' experience in manufacturing the same brand. (Proof document should be attached)		
Manufacturer Authorization Certificate	Manufacturer Authorization Certificate should be provided (Originals should be provided on request)		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Bidders Experience	The bidder should have successfully sold same similar product for last 3 years (Bidder should provide documentary evidence to support the above)		
Warranty	Comprehensive on-site manufacturer authorized warranty for 36 months (Labor and Parts) Excluding Consumes. Bidder or its parent company or its subsidiary should have Island wide owned branch network. Documentary evidence to be provided of the following under bidders' name. (a) Address, Contact Details and Date of Commencement of each branch/regional office (Should have completed minimum of 5 years from the Date of Commencement of each branch / regional)		
Warranty Information	A sticker with → Supplier Name → Contact Numbers → Date of Commissioning of Hardware → Warranty period On UPS		
Brochure	Suppliers should provide original brochure of make/model quoted as per above specification.		
Unit Price (LKR)			
Tax (LKR)			
Total unit Price (LKR)			

Terms and Conditions

1. Annual service charges should be minimal and service contracts should be provided for at least 05 consecutive years at the same service charge.
2. The spare parts and accessories must be in the market for at least 5 years and you must be able to supply them.
3. If the HVR & Camera needs to be taken out of the factory for maintenance or if it takes more than 7 days for spare parts to be supplied, a temporary machine should be provided until repairs are made and delivered.

Specification for Cat 6 UTP Cable

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Make	Specify		
Model	Specify		
Country of Manufacture	Specify		
			
5-year component warranty should be provided	Specify		
Cable should be 4 pair, 8 conductors, solid stranding, 23 AWG bare copper, PVC insulated wire	Specify		
Should be UL listed	Specify		
Cable bandwidth should be 250 MHz or higher	Specify		
Cable length, brand, model and standard shall be printed on outer jacket meter by meter	Specify		
Cable pack should have easy pullout mechanism	Specify		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Data sheet should be attached with the Bidding document for above quoted cable and model number should be highlighted in the data sheet	Specify		
Bidder should quote the price to the quoted approximately length of cable in the bidding document. After the work completion, payment for the Cable will be provided using measure and pay method calculated according to the testing report.	Specify		

Data Cabling & Casing Fitting

Item Description	Bidder's Compliance	
	YES/NO	If "No" Bidder's Response
Bidder should submit LAN cable certification testing reports for all ports, Provision for standard labeling. Bold port numbering enables quick identification of outlets.		
The testing instruments shall be capable of testing both the above tests without deviations. The certified hard copies of UTP testing and certification shall be provided by the bidders.		
The termination of UTP cables onto the patch panel should be done using proper tools.		
The termination of UTP cables onto the NVR should be done using proper tools.		
All data outlets should be enclosed in a plastic mounting box, which should be properly mounted using at least two screws and role plugs. Use of nails is not recommended.		
The conduits/casing used on the surface should have rectangular cross section.		
The conduits/casing on walls must be supported at 1m spans or shorter to ensure that the conduits/casing do not Sag or buckle.		
Vertical and Horizontal sections of UTP should only be along a wall, preferably at a height of approximately 1m above the floor. In cases where the window ledge is below 1m from the ground, the casing may be placed at a level so that they are a few inches below the window ledge.		
In places where the UTP cables pass through the wall, a casing should be used. Proper filling with cement/sand and plaster should be used to fill the holes made in the wall for routing casings.		

Item Description	Bidder's Compliance	
	YES/NO	If "No" Bidder's Response
Role plugs completely sunk into the wall and not protruding into the casing to obstruct the UTP cables. Only the screw should be visible from inside the casing.		
No damage to casing should be done to make improvements to the bending radius.		
Bidder should quote price per point with all needed accessories (PVC, Cable , conduits, Installation charge)		

Specification for 5MP Camera

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Mark	Specify		
Model	Specify		
No. of Camera	15 Bullet Camera or specify		
Country of Origin	Specify		
Warranty period	Minimum 5 year's		
Image Sensor	1/3" progressive Scan CMOS or Higher		
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON)		
Lens	2.8 mm to 12 mm Specify		
Shutter Speed	1/3 s to 1/100,000 s		
Slow Shutter	Yes		
Auto- Iris	Specify		
Day & Night	Specify (IR cut Filter Or Night time Color Recording)		
DNR (Digital Noise Reduction)	3D DNR		
WDR (Wide Dynamic Range)	Digital WDR		
Angel Adjustment (Fix or Separate) Bracket	Pan:00 to 3600, tilt :00 to 1800, rotation: 00 to 3600		
Lens	2.8 mm, 4mm, 6mm or higher		
FOV	Specify		
Lean Mount	M 12 or Higher		
IR Range	30 m or Higher		
Video Compression	Mainstream: H.265/H.264		
	Substream: H.265/H.264/MJPEG		
Video Bit Rate	32kbps to 8 MBPS		
Region of Interest	1 Fixed Region for Main-Stream and sub-stream		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Max. Resolution	2560*1920		
Main Stream Max. Frame Rate	50 Hz: 12 fps (2560*1920), 20fps (2560*1440),25fps (2304*1296,1920*1080,1280*720)		
Image Enhancement	BLC,3D NVR		
Day/Night Switch	Auto, Scheduled		
Nighttime Color Recording	Yes		
Network Storage	NAS (NFS, SMB/CIFS)		
Alarm Trigger	Motion Detection, Video Tempering alarm, Illegal Logging		
Image Settings	Brightness, Saturation, Contrast, sharpness is adjustable via web browser or software		
Protocols	TCP/IP, 1CMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPoE, NTP, UPnP, SMPT, SNMP, IGMP, 802.1X, IPv6, UDP, Bonjour		
Simultaneous Live View	Up to 6 channels		
User/Host	Up to 32 users		
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port		
Communication Standard	ONVIF (Profile S, Profile G, Profile T, Profile M)		
Operation Conditions	-30 DC to 502 0C (-22 Of 122 0F) Humidity :95%		
Power Supply	12 VDC +25%, 5.5mm Coaxial Power Plug PoE (802.3af, class 3)		
Power consumption and Current	12VDC,0.4A or Higher, Max 5W		
Protection Level	IP67		
	2000V Lightning Protection, Surge Protection and Voltage transient protection		
Material	Metal & Plastic		
Dimensions	0.70 mm * 172.7 m (2.7" * 8.8") or specify		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Weight	Approximately 280 g (0.62 lb)		

Specification for 3MP Camera

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Mark	Specify		
Model	Specify		
Country of Origin	Specify		
No. of Camera	5 DooM or Specify		
Warranty period	Minimum 5 year's		
Image Sensor	1/2 8" progressive Scan CMOS or Higher		
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux @ IR		
Shutter Speed	1/3 s to 1/100,000 s		
Slow Shutter	Yes		
Lens Mount	M12 Or Higher		
Auto- Iris	Specify		
Day & Night	Specify (IR cut Filter or Nighttime Color Recording)		
DNR (Digital Noise Reduction)	3D DNR		
WDR (Wide Dynamic Range)	Digital WDR		
Angel Adjustment (Fix or Separate) Bracket	Pan:00 to 3600, tilt :00 to 1800, rotation: 00 to 3600		
Lens	2.8 mm, 4mm, 6mm or higher		
FOV	Specify		
Lean Mount	M 12 or Higher		
IR Range	30 m or Higher		
	Mainstream: H.265/H.264		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Video Compression	Substream : H.265/H.264/MJPEG		
Video Bit Rate	32kbps to 8 MBPS		
Dual Streaming	Support		
Region of Interest	1 Fixed Region for Main-Stream and sub-stream		
Max. Resolution	2560*1920		
Main Stream Max. Frame Rate	50 Hz: 12 fps (2560*1920), 20fps (2560*1440),25fps (2304*1296,1920*1080,1280*720)		
Image Enhancement	BLC,3D NVR		
Day/Night Switch	Auto, Scheduled		
Nighttime Color Recording	Yes		
Network Storage	NAS (NFS, SMB/CIFS)		
Alarm Trigger	Motion Detection, Video Tempering alarm, Illegal Logging, Network Disconnected, IP Conflicted,		
Image Settings	Brightness, Saturation, Contrast, sharpness is adjustable via web browser or software		
Day/ Night Switch	Support Auto, schedule and triggered by alarm input		
Others	Mirror, BLC (area configurable), Region of Interest (support 1 Fixed Regions)		
Detections	Motion Detection, Dynamic Analysis		
Protocols	TCP/IP,1CMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP,RTCP, PPoE, NTP, UPnP, SMPT, SNMP, IGMP,802.1X, IPv6, UDP, Bonjour		
General Function	Anti-Flicker, Heartbeat, Mirror, password Protection, Privacy Mark, IP Address Filter, water mark etc.		
Simultaneous Live View	Up to 6 channels		
User/Host	Up to 32 users		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port		
Communication Standard	ONVIF (Profile S, Profile G, Profile T, Profile M)		
Operation Conditions	-30 DC to 502 0C (-22 Of 122 0F) Humidity :95%		
Power Supply	12 VDC +25%, 5.5mm Coaxial Power Plug PoE (802.3af, class 3)		
Power consumption and Current	12VDC,0.4A or Higher, Max 5W		
Protection Level	IP67		
	2000V Lightning Protection, Surge Protection and Voltage transient protection		
Material	Metal & Plastic		
Dimensions	147.5mm * 78.2 mm*92.9 mm (5.8" * 3.1" *3.7") or specify		
Weight	Approximately 350 g (0.8 lb)		

Specification for POE Switch

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Shell	Metal material		
Net Weight	2.975 kg (6.56 lb)		
Gross Weight	3.535 kg (7.79 lb)		
Dimensions (W × H × D)	440.00 mm × 44.00 mm × 221.00 mm (17.32" × 1.73" × 8.70"), Specify		
Operating Temperature	0 °C to 45 °C (0 °F to 113 °F)		
Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)		
Operating Humidity	5% to 95% (no condensation)		
Relative Humidity	5% to 95% (no condensation)		
Power Supply	100 to 240 V AC, 50/60 Hz, Max. 6.3 A, specify.		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Installation Mode	Rack (equipped with mounting ears)		
Max. Power Consumption	400 W		
Power Consumption in Idle	30 W		
Surge Protection	6 kV		
Ports	24 × PoE port, 2 × fiber optical port or higher		
MAC Address Table	8 K		
Switching Capacity	56 Gbps Specify		
Packet Forwarding Rate	41.66 Mpps, Specify		
Internal Cache	4.1 Mbits		
PoE Standards	IEEE 802.3af, IEEE 802.3at		
PoE Power Pin	End-span: 1/2 (+), 3/6(-);		
PoE Port	PoE: Ports 1 to 24 or higher		
Max. Port Power	30 W		
PoE Power Budget	370 W		
Long Range	Ports 1 to 24: up to 300 m. Long range performance may vary depending on camera model or cable condition.		
Port Isolation	Ports 1 to 24: port isolation mode to improve network security. Ports in an isolation group cannot communicate with each other, but they can communicate with ports outside the isolation group.		
PoE Watchdog	Ports 1 to 24: auto detect and restart the cameras that do not respond.		
Link Aggregation	Link aggregation is used to aggregate multiple physical ports to form a logical port for load balancing, bandwidth expansion, and port protection. Support static link aggregation. Support 8 aggregation groups.		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
QoS	QoS is used to allocate bandwidth to different services so as to provide end-to-end service quality assurance. Support port-based priority configuration. Support SP, WRR priority schedule mode.		
Loop Prevention	Loop prevention is used to prevent the switching network from forming loops, which will seriously affect network communication. Disabled by default. Support 802.1D STP.		
VLAN	VLAN is used for network scale planning and network health improvement. Support 802.1Q. Configurable VLAN ID from 1-4094. Support Trunk, Access port mode. Support Max. 4094 VLAN.		
HPP	Support one-click activation and remote management via. Functions supported: 1. Display the port rate. 2. Display the port bandwidth utilization rate. 3. Display topology information. 4. Display the alarm status. 5. Restart ports and devices. 6. Remotely upgrade the device.		
System Maintenance	Remote upgrade, default parameters recovery, logs viewing, basic network parameters configuration, import and export configuration, time sync		
Port Rate-Limiting	Port rate-limiting is used for port bandwidth adjustment to prevent network congestion		
Storm Control	Storm control is used to prevent switch ports from being blocked by broadcast or multicast storms in the LAN, which may affect network communication. Support port rate limiting based on broadcast, multicast, and unknown unicast packets.		
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011 +A1: 2014, EN 55035: 2017);		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
	IC (ICES-003: Issue 6); RCM (ASNZS CISPR 32: 2015)		
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005, AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition); CE-LVD (EN 60950-1: 2006 + A11: 2009 + A1: 2010+A12: 2011+A2: 2013, EN 62368-1: 2014+A11: 2017)		
Chemistry	CE-RoHS (201165EU); WEEE (201219EU); Reach (Regulation (EC) No.19072006)		

Specification for Display Unit

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Mark	Specify		
Model	Specify		
Country of Origin	Specify		
CCTV monitors	commercial-grade surveillance monitor rated for continuous operation" will be on 24/7		
Screen Size	32" or Higher		
Aspect Ratio	16.09		
Resolution	1920*1080(FHD)		
Backlight	LED		
Contrast	1200:01:00		
Response Time	15ms or Lower		
Input	VGA(D-Sub) *1, HDMI*1 or higher		
Wall Hanging Mount Brackets and Accessories	Required		
Voltage	100-240 VAC, 50/60 Hz		
Temperature	+32 °F to +104 °F (0 °C to +40 °C)		
Humidity	20% to 90% (non- Condensing)		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Physical	3.0kg		
On	20.5W		
Off	0.3W maximum		

Pole Specifications

Type	Heavy Duty GI Covered With Anti Corrosive	
Thickness	Minimum 4mm	
Pole Diameter	Minimum 3 inch	
Pole Height	Minimum 3 inch	
Warranty Period	Minimum 3 years	

Wall Mounted Equipment Cabinet 7U

Detail Specification	Bidder Response (Yes/No)	Remark If "No" Bidder's Response
19" Rack with 7U		
Should be constructed using sheet material		
Should be consist of glass lockable front door		
Should consist of at least one number of 6 -way 13A UK type outlet power distribution panel with safety switch		
Should consist of two side panels operating with key locks		
Should consist of at least 2 cable entry form the top of the rack		
Should consist of least 2 no of fans		
Make		
Model		

Tower Hall Theater

Specifications for NVR System

Feature	Minimum Requirement	Bidders' compliance	
		yes/ no	If no bidder's response
Brand	(Branded)		
Country of Origin & Country of Manufacture / Assembly	(Branded)		
Country of manufacture	(Branded)		
Warranty Period	Specify		
System capability	Simulation live recording & playback, Network support, Mobile access		
Main Processor	Specify		
OS	Specify		
Video Input	IP video input 32 channels up to 8 MP		
Video Recording resolution	8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF /DCIF/2CIF/CIF		
Video recording output	HDMI (1920*1080p/60Hz or higher)		
Audio input	Specify		
Audio output	HDMI, 1no. of RCA		
Display speed	Specify		
Display resolution	3840*2160P		
Display split	1/4/8/16/32/64		
OSD (On screen Display)	Camera title, Date & time, Recording, Motion detection, Video loss, Camera lock		
Multiple display	Specify		
Screen modes	Selectable full screen, sequencing full screen, Quad, Multi screen, User ,defined , Camera in sequencings, User defined camera in multi-screen		
Decoding format	H.264/H.265/H.265+/MPEG-4/H.265 / H.265+		
Live view /Playback resolution	8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/Q CIF		
Synchronous playback	32 channels up to 64 channel upgradable		
Capability	1-ch @ 8MP/4-ch @1080p		
Backup mode	HDD		
Backup mark & Model	Specify		
Minimum capacity	6TB HDDs		
Warranty	05 years		

Backup Period	Minimum 40 days		
Network interface	RJ45 10/100/1000 Adaptive Ethernet		
Network protocell	TCP/IP, DHCP, DNS, DDNS, NTP, SADP, SMPT, NFS, ISCSI, UPNPTM, HTTPS.		
Smart Phone	iPhone, iPad, Android		
External Network interface	1 RJ 45 10/100/1000 Mbps self-adaptive Ethernet interface		
External USB interface	2*USB 2.0		
External VGA output	1* VGA		
Activation	Camera & NVR Activation Password should be provided		
WAN Port	1* WAN		
LAN Out	32 or 64 LAN out with POE		
Language	English		
Chassis	Specify		
Dimensions	Specify		
USB interface	Minimum 02 nos.		
Control mode	Keyboard, Mouse		
Password Protection	Should be available		
Power supply	Specify		
Power(W)	Specify		
Working Environment	5-50 °C, 10-90RH%		
Special Features	Specify		
Operating Temperature	0°C to + 40 °C (32°F to 104°F)		
Operating Humidity	20% ~ 85% RH		
Power Input	100 to 240 VAC, 50 to 60 Hz		
Power consumption	≤ 30 W (without HDD)		
Viewer Software	PC Viewer, Mobile App		
Compliance	NDAA		
Certification (Please attached Certificates)	UL 62368-1 IEC 62368-1:2014		
EMC	BS EN 55032:2015/A11:2020 BS EN 50130-4:2011 BS EN 61000-3-3:2014 BS EN 61000-3-3:2103		
Communication Standard	ONVIF (Profile S, Profile G, Profile T, Profile M)		
RoHS	BS EN IEC 63000:2018		
Product certifications of the quoted Model	product certifications of the quoted model energy star or any other equal certificate to energy star issued by authorized body who has the authority to do so (Document evidence must be provided)		

Service	Shall have 3 Years manufacturer warranty and the same shall be submitted on manufacturers Letter head. During the warranty period, all defective parts should be replaced free of charge. Bidder should visit at least one time per year for service during the warranty period for the maintenance purpose and should submit the report to the relevant staff of the university without additional cost		
Installation and configuration	Installation and configuration should be done according to the requirements of Elphinstone Theatre, Sri Lanka. Bidder must take responsibility for CCTV Camera system should work ZERO downtime and ERRORS.		
Customer Service and Support	Bidder should mention their hotline to support.		
Manufacturer Authorization Certificate	Manufacturer Authorization Certificate should be provided. (Originals should be provided on request.)		
Warranty	5 Years 24 x7 on-site comprehensive warranty from OEM.		
Warranty Information	should be fix sticker with – supplier name -contact numbers -date of commissioning of hardware – warranty period		
Brochure	Suppliers should provide brochures of make/ model quoted as per above specification		

Specification for UPS

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Brand	Should be International Reputed Brand Only (Branded) (Specify)		
Model	(Branded) (Specify)		
Country of Origin	(Specify)		
Country of Manufacturing/ Assembly	(Specify)		
Year of Manufacturing	(Specify)		
Capacity	2000VA		
Input Voltage	140 – 300V 5VAC		
Output Voltage	230VAC		
Number of Power Outputs	2 or Higher		
Battery Mode	230VAC 10%		
Transfer Time	2ms 2-6ms		
Battery Type	12V/7 AH — 1pc		
Backup Time	45 minutes depending on load		
Recharge Time	2 to 6 hours to reach 90% capacity		

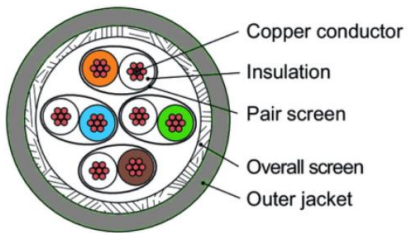
Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Surge Protection	Yes		
Battery Management	-Battery Mode 100 ~ 102% 5 secs shutdown, 120% -Prevent overcharging		
Alarm	Yes		
General Noise Level	40dB		
Temperature	0°C ~ 40°		
Humidity	0 ~ 95% relative humidity		
Power Factor	> =0.99		
Manufacture Experience	Manufacturer should have minimum of 5 years' experience in manufacturing the same brand. (Proof document should be attached)		
Manufacturer Authorization Certificate	Manufacturer Authorization Certificate should be provided (Originals should be provided on request)		
Bidders Experience	The bidder should have successfully sold same similar product for last 3 years (Bidder should provide documentary evidence to support the above)		
Warranty	Comprehensive on-site manufacturer authorized warranty for 36 months (Labor and Parts) Excluding Consumes. Bidder or its parent company or its subsidiary should have Island wide owned branch network. Documentary evidence to be provided of the following under bidders' name. (a) Address, Contact Details and Date of Commencement of each branch/regional office (Should have completed minimum of 5 years from the Date of Commencement of each branch / regional)		
Warranty Information	A sticker with → Supplier Name → Contact Numbers → Date of Commissioning of Hardware → Warranty period On UPS		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Brochure	Suppliers should provide original brochure of make/model quoted as per above specification.		
Unit Price (LKR)			
Tax (LKR)			
Total unit Price (LKR)			

Terms and Conditions

4. Annual service charges should be minimal and service contracts should be provided for at least 05 consecutive years at the same service charge.
5. The spare parts and accessories must be in the market for at least 5 years and you must be able to supply them.
6. If the HVR & Camera needs to be taken out of the factory for maintenance or if it takes more than 7 days for spare parts to be supplied, a temporary machine should be provided until repairs are made and delivered.

Specification for Cat 6 UTP Cable

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Make	Specify		
Model	Specify		
Country of Manufacture	Specify		
	 Copper conductor Insulation Pair screen Overall screen Outer jacket		
10-year component warranty should be provided	Specify		
Cable should be 4 pair, 8 conductors, solid stranding, 23 AWG bare copper, PVC insulated wire	Specify		
Should be UL listed	Specify		
Cable bandwidth should be 250 MHz or higher	Specify		
Cable length, brand, model and standard shall be printed on outer jacket meter by meter	Specify		
Cable pack should have easy pullout mechanism	Specify		
Data sheet should be attached with the Bidding document for above quoted cable and model number should be highlighted in the data sheet	Specify		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Bidder should quote the price to the quoted approximately length of cable in the bidding document. After the work completion, payment for the Cable will be provided using measure and pay method calculated according to the testing report.	Specify		

Data Cabling & Casing Fitting

Item Description	Bidder's Compliance	
	YES/NO	If "No" Bidder's Response
Bidder should submit LAN cable certification testing reports for all ports, Provision for standard labeling. Bold port numbering enables quick identification of outlets.		
The testing instruments shall be capable of testing both the above tests without deviations. The certified hard copies of UTP testing and certification shall be provided by the bidders.		
The termination of UTP cables onto the patch panel should be done using proper tools.		
The termination of UTP cables onto the NVR should be done using proper tools.		
All data outlets should be enclosed in a plastic mounting box, which should be properly mounted using at least two screws and role plugs. Use of nails is not recommended.		
The conduits/casing used on the surface should have rectangular cross section.		
The conduits/casing on walls must be supported at 1m spans or shorter to		

Item Description	Bidder's Compliance	
	YES/NO	If "No" Bidder's Response
ensure that the conduits/casing do not Sag or buckle.		
Vertical and Horizontal sections of UTP should only be along a wall, preferably at a height of approximately 1m above the floor. In cases where the window ledge is below 1m from the ground, the casing may be placed at a level so that they are a few inches below the window ledge.		
In places where the UTP cables pass through the wall, a casing should be used. Proper filling with cement/sand and plaster should be used to fill the holes made in the wall for routing casings.		
Role plugs completely sunk into the wall and not protruding into the casing to obstruct the UTP cables. Only the screw should be visible from inside the casing.		
No damage to casing should be done to make improvements to the bending radius.		
Bidder should quote price per point with all needed accessories (PVC, Cable , conduits, Installation charge)		

Specification for 5MP Camera

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Mark	Specify		
Model	Specify		
No. of Camera	25 Bullet or Specify		
Country of Origin	Specify		
Warranty period	Minimum 5 year's		
Image Sensor	1/3" progressive Scan CMOS or Higher		
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON)		
Lens	2.8 mm to 12 mm Specify		
Shutter Speed	1/3 s to 1/100,000 s		
Slow Shutter	Yes		
Auto- Iris	Specify		
Day & Night	Specify (IR cut Filter or Night time Color Recording)		
DNR (Digital Noise Reduction)	3D DNR		
WDR (Wide Dynamic Range)	Digital WDR		
Angel Adjustment (Fix or Separate) Bracket	Pan: 00 to 3600, tilt : 00 to 1800, rotation: 00 to 3600		
Lens	2.8 mm, 4mm, 6mm or higher		
FOV	Specify		
Lean Mount	M 12 or Higher		
IR Range	30 m or Higher		
Video Compression	Mainstream: H.265/H.264		
	Substream : H.265/H.264/MJPEG		
Video Bit Rate	32kbps to 8 MBPS		
Region of Interest	1 Fixed Region for Main-Stream and sub-stream		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Max. Resolution	2560*1920		
Mainstream Max. Frame Rate	50 Hz: 12 fps (2560*1920), 20fps (2560*1440),25fps (2304*1296,1920*1080,1280*720)		
Image Enhancement	BLC,3D NVR		
Day/Night Switch	Auto, Scheduled		
Nighttime Color Recording	Yes		
Network Storage	NAS (NFS, SMB/CIFS)		
Alarm Trigger	Motion Detection, Video Tempering alarm, Illegal Logging		
Image Settings	Brightness, Saturation, Contrast, sharpness are adjustable via web browser or software		
Protocols	TCP/IP,1CMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPOE, NTP, UPnP, SMPT, SNMP, IGMP, 802.1X, IPv6, UDP,Bonjour		
Simultaneous Live View	Up to 6 channels		
User/Host	Up to 32 users		
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port		
Communication Standard	ONVIF (Profile S, Profile G, Profile T, Profile M)		
Operation Conditions	-30 DC to 502 0C (-22 Of 122 0F) Humidity :95%		
Power Supply	12 VDC +25%, 5.5mm Coaxial Power Plug PoE (802.3af, class 3)		
Power consumption and Current	12VDC,0.4A or Higher, Max 5W		
Protection Level	IP67		
	2000V Lightning Protection, Surge Protection and Voltage transient protection		
Material	Metal & Plastic		
Dimensions	0.70 mm * 172.7 m (2.7" * 8.8") or specify		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Weight	Approximately 280 g (0.62 lb)		

Specification for 3MP Camera

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Mark	Specify		
Model	Specify		
No. of Camera	4 Doom Camera or Specify		
Country of Origin	Specify		
Warranty period	Minimum 5 year's		
Image Sensor	1/2 8" progressive Scan CMOS or Higher		
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux @ IR		
Shutter Speed	1/3 s to 1/100,000 s		
Slow Shutter	Yes		
Lens Mount	M12 Or Higher		
Auto- Iris	Specify		
Day & Night	Specify (IR cut Filter or Nighttime Color Recording)		
DNR (Digital Noise Reduction)	3D DNR		
WDR (Wide Dynamic Range)	Digital WDR		
Angel Adjustment (Fix or Separate) Bracket	Pan:00 to 3600, tilt :00 to 1800, rotation: 00 to 3600		
Lens	2.8 mm, 4mm, 6mm or higher		
FOV	Specify		
Lean Mount	M 12 or Higher		
IR Range	30 m or Higher		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Video Compression	Mainstream: H.265/H.264		
	Substream : H.265/H.264/MJPEG		
Video Bit Rate	32kbps to 8 MBPS		
Dual Streaming	Support		
Region of Interest	1 Fixed Region for Main-Stream and sub-stream		
Max. Resolution	2560*1920		
Mainstream Max. Frame Rate	50 Hz: 12 fps (2560*1920), 20 fps (2560*1440), 25fps (2304*1296, 1920*1080, 1280*720)		
Image Enhancement	BLC, 3D NVR		
Day/Night Switch	Auto, Scheduled		
Night Time Color Recording	Yes		
Network Storage	NAS (NFS, SMB/CIFS)		
Alarm Trigger	Motion Detection, Video Tempering alarm, Illegal Logging, Network Disconnected, IP Conflicted,		
Image Settings	Brightness, Saturation, Contrast, sharpness are adjustable via web browser or software		
Day/ Night Switch	Support Auto, schedule and triggered by alarm input		
Others	Mirror, BLC (area configurable), Region of Interest (support 1 Fixed Regions)		
Detections	Motion Detection, Dynamic Analysis		
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, IPv6, UDP, Bonjour		
General Function	Anti-Flicker, Heartbeat, Mirror, password Protection, Privacy Mark, IP Address Filter, water mark etc.		
Simultaneous Live View	Up to 6 channels		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
User/Host	Up to 32 users		
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port		
Operation Conditions	-30 DC to 502 0C (-22 Of 122 0F) Humidity :95%		
Communication Standard	ONVIF (Profile S, Profile G, Profile T, Profile M)		
Power Supply	12 VDC +25%, 5.5mm Coaxial Power Plug PoE (802.3af, class 3)		
Power consumption and Current	12VDC,0.4A or Higher, Max 5W		
Protection Level	IP67		
	2000V Lightning Protection, Surge Protection and Voltage transient protection		
Material	Metal & Plastic		
Dimensions	147.5mm * 78.2 mm*92.9 mm (5.8" * 3.1" *3.7") or specify		
Weight	Approximately 350 g (0.8 lb)		

Specification For POE Switch

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Shell	Metal material		
Net Weight	2.975 kg (6.56 lb)		
Gross Weight	3.535 kg (7.79 lb)		
Dimensions (W × H × D)	440.00 mm × 44.00 mm × 221.00 mm (17.32" × 1.73" × 8.70"), Specify		
Operating Temperature	0 °C to 45 °C (0 °F to 113 °F)		
Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)		
Operating Humidity	5% to 95% (no condensation)		
Relative Humidity	5% to 95% (no condensation)		
Power Supply	100 to 240 V AC, 50/60 Hz, Max. 6.3 A, specify.		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
Installation Mode	Rack (equipped with mounting ears)		
Max. Power Consumption	400 W		
Power Consumption in Idle	30 W		
Surge Protection	6 kV		
Ports	24 × PoE port, 2 × fiber optical port or higher		
MAC Address Table	8 K		
Switching Capacity	56 Gbps Specify		
Packet Forwarding Rate	41.66 Mpps, Specify		
Internal Cache	4.1 Mbits		
PoE Standard	IEEE 802.3af, IEEE 802.3at		
PoE Power Pin	End-span: 1/2(+), 3/6(-);		
PoE Port	PoE: Ports 1 to 24 or higher		
Max. Port Power	30 W		
PoE Power Budget	370 W		
Long Range	Ports 1 to 24: up to 300 m. Long range performance may vary depending on camera model or cable condition.		
Port Isolation	Ports 1 to 24: port isolation mode to improve network security. Ports in an isolation group cannot communicate with each other, but they can communicate with ports outside the isolation group.		
PoE Watchdog	Ports 1 to 24: auto detect and restart the cameras that do not respond.		
Link Aggregation	Link aggregation is used to aggregate multiple physical ports to form a logical port for load balancing, bandwidth expansion,		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
	and port protection. Support static link aggregation. Support 8 aggregation groups.		
QoS	QoS is used to allocate bandwidth to different services so as to provide end-to-end service quality assurance. Support port-based priority configuration. Support SP, WRR priority schedule mode.		
Loop Prevention	Loop prevention is used to prevent the switching network from forming loops, which will seriously affect network communication. Disabled by default. Support 802.1D STP.		
VLAN	VLAN is used for network scale planning and network health improvement. Support 802.1Q. Configurable VLAN ID from 1-4094. Support Trunk, Access port mode. Support Max. 4094 VLAN.		
HPP	Support one-click activation and remote management. Functions supported: 1. Display the port rate. 2. Display the port bandwidth utilization rate. 3. Display topology information. 4. Display the alarm status. 5. Restart ports and devices. 6. Remotely upgrade the device.		
System Maintenance	Remote upgrade, default parameters recovery, logs viewing, basic network parameters configuration, import and export configuration, time sync		
Port Rate-Limiting	Port rate-limiting is used for port bandwidth adjustment to prevent network congestion		
Storm Control	Storm control is used to prevent switch ports from being blocked by broadcast or multicast storms in the		

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If "No" Bidder's Response
	LAN, which may affect network communication. Support port rate limiting based on broadcast, multicast, and unknown unicast packets.		
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011 +A1: 2014, EN 55035: 2017); IC (ICES-003: Issue 6); RCM (AS/NZS CISPR 32: 2015)		
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005, AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition); CE-LVD (EN 60950-1: 2006 + A11: 2009 +A1: 2010+A12: 2011+A2: 2013, EN 62368-1: 2014+A11: 2017)		
Chemistry	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No.1907/2006)		

Specification for Display Unit

Features	Required Minimum Specification	Bidder's Compliance	
		YES/NO	If “No” Bidder's Response
Mark	Specify		
Model	Specify		
Country of Origin	Specify		
CCTV monitor	commercial-grade surveillance monitor rated for continuous operation" will be on 24/7		
Screen Size	32" or Higher		
Aspect Ratio	16.09		
Resolution	1920*1080(FHD)		
Backlight	LED		
Contrast	1200:01:00		
Response Time	15ms or Lower		
Input	VGA(D-Sub)*1,HDMI*1 or higher		
Wall Hanging Mount Brackets and Accessories	Required		
Voltage	100-240 VAC, 50/60 Hz		
Temperature	+32 °F to +104 °F(0 °C to +40 °C)		
Humidity	20% to 90% (non- Condensing)		
Physical	3.0kg		
On	20.5W		
Off	0.3W maximum		

Pole Specifications

Type	Heavy Duty GI Covered with Anti Corrosive	
Thickness	Minimum 4mm	
Pole Diameter	Minimum 3 inch	
Pole Height	Minimum 3 inch	
Warranty Period	Minimum 3 years	

Wall Mounted Equipment Cabinet 7U

Detail Specification	Bidder Response (Yes/No)	Remark If “No” Bidder’s Response
19” Rack with 7U		
Should be constructed using sheet material		
Should be consist of glass lockable front door		
Should consist of at least one number of 6 -way 13A UK type outlet power distribution panel with safety switch		
Should consist of two side panels operating with key locks		
Should consist of at least 2 cable entry form the top of the rack		
Should consist of least 2 no of fans		
Make		
Model		

Section IV

Form of Bid

[date].....

To: Director General,

Tower Hall Theatre Foundation

Having examined the bidding documents, we offer to provide the **CCTV SYSTEM**

accordance with the Conditions of Contract, Employer's Requirements, accompanying this Bid for the

Contract price of without VAT SLR.....(Amount in words- Sri Lankan

Rupees.....

.....

.....) or any other sum derived in accordance with the said documents.

This Bid and your written acceptance of it shall constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any Bid you receive.

We hereby confirm that this Bid complies with the Bid validity required by the bidding documents and specified in the Bidding Data.

Authorized Signature:

Name and Title of Signatory:

Name of Bidder:

Address:

(Affix official Seal)

Section V - Price Schedule

Rukmani Davi Theater

No	Item Description	Qty	Unit Price (LKR)	Remark If “No” Bidder’s Response
1	5MP Camera			
2	3MP Camera			
3	NVR With POE			
4	6TB HDD			
5	Pole (Supply and Installation)			
6	Installation Charges for Cameras			
7	Cable (Supply and Installation)			
8	32” TV			
9	2kAV UPS			
10	Cabinet			
11	Testing			

Tower Hall Theater

No	Item Description	Qty	Unit Price (LKR)	Remark If “No” Bidder’s Response
1	5MP Camera			
2	3MP Camera			
3	NVR With POE			
4	6TB HDD			
5	Pole (Supply and Installation)			
6	Installation Charges for Cameras			
7	Cable (Supply and Installation)			
8	43” TV			
9	2kAV UPS			
10	Cabinet			
11	Testing			

Net Total		
VAT		
Grand Total		

Providing of Services – Procurement of Goods and equipment

1	2	3				4	6	5	7
Line Item No	Description of Goods or related services	Qty and unit	Model	Warranty	Unit Price	Discounted Total price (if any) before VAT	Total Price Before VAT	VAT	Total Price after VAT
01	CCTV System (Tower hall Theater)	01							
02	CCTV System (Rukmani Davi Theater)	01							
03	UPS (Tower hall Theater)	01							
04	UPS (Rukmani Davi Theater)	01							
05	43" TV (Tower hall Theater)	01							
06	32" TV (Rukmani Davi Theater)	01							
07	TV Wall Mount 43" (Tower hall Theater)	01							
08	TV Wall Mount 32" (Rukmani Davi Theater)	01							
05	Wall Mounted Equipment Cabinet	02							
Total									

Name of Bidder -(Insert complete name of Bidder)

Signature of Bidder - (Signature of person signing the Bid)

Name of Bidder - (Insert complete name of Bidder)

Signature of Bidder - (Signature of person signing the

Section VI

Qualification Information Notes on Form of Qualification Information

The Information to be field in by the bidders in the following pages will be used for purposes of bid evaluation as described in the instructions to bidders. Attach additional pages as necessary.

Company Profile

Name of bidder -

Address -

Telephone no -

Fax-

Email address

Date of registration of the company-

Year of commencement of business-

IBLS Registration year and references -.....

VAT Registration no -.....

Name , designation and contact details of authorised person contact person

.....
.....
.....
.....

Section VII

Experience in similar work

Procurement of CCTV System

Year	Customer Name & Address	Contact Details of Client

Is your company being black by any organization if so, name it

.....

Authorised signature

.....

.....

Name and title of signatory

.....

.....

Contract Data

1.1 Procurement of computer accessories

Tower Hall Theatre Foundation

1.2 The Employer is:

Name : Tower Hall Theatre Foundation
"Sausiripaya"

Address: 123, Wijerama Mawatha Colombo 07.

1.3 The Site is Located : "Sausiripaya "

1.4 The Service Providers name:

2.1 The date on which this contract shall come into effect will be the date of issue of the Letter of Acceptance.

2.3 The intended Completion Date will be maximum of 365 days from the date of commencement of the Contract

6.4 payment shall be done after signing the control with the service provider and the service provider shall submit following documents before the payment

Original invoice

Update vat certificate & tax invoice

Authorised signature -

Name and title of signatory -.....

Bid-Securing Declaration

[Note: the purchaser is required to fill the information marked as "" and delete this note prior to selling of the bidding document]*

[The Bidder shall fill in this form in accordance with the instructions indicated in brackets]

Date: -----[insert date by bidder]

Name of contract ----- [insert name]

Contract Identification N°: -----[insert number]

Invitation for Bid No.: -----insert number]

*To: **[Director General, "Sausiripaya " No.123, Wijerama Mawatha, Colombo 07.]**

Bid-Securing Declaration

We, the undersigned, hereby declare and confirm that:

1. We understand that, in accordance with the **Quotation Submission Form**, all bids **must be supported by a Bid-Securing Declaration**;
2. We accept that we shall be **suspended from eligibility for contract award** in any procurement process conducted by any **Procuring Entity**, as defined in the **Procurement Guidelines issued by the National Procurement Agency of Sri Lanka**, for a period of **three (03) years**, commencing from the latest date set for the closing of bids under this procurement, if we:

(a) withdraw our Bid during the period of bid validity period specified; or

(b) do not accept the correction of errors in accordance with the Instructions to Bidders of the Bidding Documents; or

(c) Having been notified of the acceptance of our Bid by you, during the period of bid validity, (i) our fail or refuse to execute the Contract Form, if required, or (ii) fail or refuse to furnish the performance security, in accordance with the quotation submission form.

03. We understand this bid securing shall expire if we are not the successful bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder that the bidder was unsuccessful; or (ii) twenty-eight days after the expiration of our bid.

04. We understand that if we are a Joint Venture (JV), the Bid Securing Declaration must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed.....[insert signature(s) of authorized representative] In the Capacity
of [insert title]
Name[insert printed or typed name]
Duly authorized to sign the bid for and on behalf of[insert
authorizing entity]
Dated on[insert day] day of [insert month], [insert year]

Format for the Performance Security

[The issuing agency, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

[Issuing Agency's Name, and Address of Issuing Branch or Office] -----

* Beneficiary: Tower Hall Theater Foundation

Date: -----PERFORMANCE GUARANTEE No.: -----

We have been informed that ----- [name of Supplier] (hereinafter called "the Supplier")
has entered into Contract No. ----- [Reference number of the contract] dated -----
----- with you, for the ----- Supply of -----
----- [name of
contract and brief description] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Supplier, we ----- [name of Agency] hereby irrevocably undertake
to pay you any sum or sums not exceeding in total an amount of ----- [amount in figures]
(-----) [amount in words], such sum being payable in the types and proportions
of currencies in which the Contract Price is payable, upon receipt by us of your first demand in writing accompanied
by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without your
needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the day of, 20..... [insert
date, 28 days beyond the scheduled completion date including the warranty period] and any demand for payment
under it must be received by us at this office on or before that date.

[Signature]

Document Check List (2025/2026)

NO	Document	Document Yes	Document No
01	Schedule of Requirements		
02	Form of Bid		
03	prices schedule		
04	Qualification Information Notes on Form of Qualification Information		
05	Experience in similar work		
06	Contract Data		
07	Bid-Securing Declaration		
08	Format for the Performance Security		
09	Business Registration Certificate		
10	Vat Registration Certificate		

Name and title of signatory