



REQUEST FOR QUOTATION

ON-SITE AUDIO-VISUAL TECHNICAL SUPPORT FOR ASIA SCHOOL OF BUSINESS

ISSUER

ASB Management Sdn Bhd for Asia School of Business
11, Jalan Dato Onn
50480 Kuala Lumpur

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CLOSING DATE : 24 APRIL 2026

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RFQ Notice

The Asia School of Business (ASB) invites sealed offers from all eligible bidders for the procurement of **ON-SITE AUDIO-VISUAL TECHNICAL SUPPORT** for which this RFQ is being issued. ASB seeks proposals from the eligible Vendors to participate in this requirement per the Terms & Conditions contained in the Request for Quotation (RFQ).

Date of commencement of issue of RFQs:	20 APRIL 2026
Last date for receipt of queries:	23 APRIL 2026
Last date for receipt of RFQ Responses:	24 APRIL 2026 -12.00 PM
Review of Technical bids:	29 APRIL 2026
Name of the contact person:	Centralised Procurement Unit
Contact email:	cpu@asb.edu.my

1. Background

The Asia School of Business (ASB) invites qualified Vendors for ON-SITE AUDIO-VISUAL TECHNICAL SUPPORT to submit a proposal for ASB.

ASB is a graduate business school established by Bank Negara Malaysia (BNM) in collaboration with MIT Sloan School of Business and is based in Kuala Lumpur. ASB offers both degree and non-degree programs to serve regional and global needs for business talent and leaders in the emerging world.

The school runs a 12-month MBA program following the MIT Sloan School curriculum and initially be delivered by MIT Sloan faculty. The distinctive MIT Sloan pedagogy of Action Learning will be at the core of the ASB curriculum, providing students with experiential training and hands-on projects with a focus on Asia. The inaugural ASB MBA program started in August 2016. The estimated size of the MBA class will range from 40 to 250 students for the first 5 years.

The Iclif Executive Education Center (Iclif) at ASB (formerly The Iclif Leadership and Governance Centre) provides corporate governance training and non-degree programs to support the professional development of C-Suites and senior management. Iclif was established by Bank Negara Malaysia in 2003 as an Asia-based independent non-profit organization with the mission to strengthen the leadership and governance capabilities within the Malaysian financial sector. In 2020, Iclif merged with ASB to extend its set of offerings in executive education and now offers additional courses in general management and finance.

Currently, Iclif offers a set of Open-Enrollment Programs and Custom-Built programs. Participants in Open-Enrollment courses can upgrade their participation credits into an Executive Certificate in one of the four available Tracks: Leadership, Finance & Global Economy, Corporate Governance, and General Management. In addition to the Open- Enrollment programs, Iclif also offers a set of mandatory programs for Malaysian board members of listed companies (Mandatory Accreditation Program (MAP)) and Malaysian directors of financial institutions (Financial Institutions Directors' Education (FIDE)).

Students learn in a state-of-the-art campus newly opened in 2021. The academic campus is a six-story, 65,000 square meter facility designed to house a population of over a thousand students, faculty, and staff. Meanwhile, its adjacent residential campus is a multi-block, 28,000 square meter facility that houses up to 350 students, clients, partners, and guests.

For further information on the Asia School of Business, visit www.asb.edu.my.

2. Eligibility Criteria

2.1 Pre-Qualification (Eligibility) Criteria

Only those bidders fulfilling the following criteria should respond to the RFQ.

1. The bidder including their Parent entity must have a positive net worth for each of the last two (2) financial years and should also be in profit for the same financial year. Certified/Audited Balance Sheets and P&L statements for the last 2 years should be submitted in support of the turnover and profitability.
2. The bidder in the last 3 years should have a track record of supplying and delivering any audio-visual installation project with the value of RM 500,000.00 and above.
3. Bidder should demonstrate the ability to provide the requisite application design inclusive of customization, implementation, and training services to ASB with a strong understanding of the challenges and issues in higher education space. Where relevant employee, manufacturer and partner certifications are required.
4. The Bidder must demonstrate proven experience in supporting and maintaining AV-over-IP (AVoIP) systems, including network-based audio and video distribution. Relevant certifications and reference projects shall be provided.
5. ASB reserves the right to carry out the capability assessment of the Bidder and the decision of the ASB shall be final in this regard. An acceptance certificate for this clause must be submitted.
6. ASB reserves the right to accept in whole or in part any of the bids submitted.

3. Functional Scope

The provider will perform On-Site Audio-Visual Technical Support as set forth in Appendix I.

4. Implementation Timeline

The total time limit for the successful implementation of the solution in ASB and its associates shall not be more than **1 month** from the date of issuing the Purchase Order (PO) which will exclude the time required for approvals for the critical intermediate submissions.

5. Commercial proposal

- The prices should be firm, not dependent on any variable factors and should be expressed in Malaysian currency (MYR).
- The prices should be inclusive of all costs including hardware, software (where applicable), taxes, duties, and levies etc. to be charged. During the offer validity and subsequent contract period, the bidder will absorb any upward revision of prices, customs, taxes (excluding service tax), Govt. duties and pass on the benefit to ASB in case of downward revision of Govt. taxes, levies, etc.
- The price quoted should be broken down by:
 - Product costs (hardware, accessories, software licenses where applicable)
 - Service costs (annual maintenance, implementation, integration, support, training where applicable)
 - In addition, the equipment and/or implementation/maintenance will be quoted individually along with an itemized statement of work for the implementation and the time/cost for each item.

6. Documents constituting the Bid

The Bid prepared by the Bidder should comprise the following components: Bidders will need to submit the following documentation:

1. Company's Profile: e-SSM print out
2. Company's Financial Background
3. Detailed Implementation Timeline.

Any bid document not conforming to any one of the above terms will be rejected.

7. Period of Validity of Bids

Bids should remain valid for **30 days** from the date of closing of the bid prescribed by ASB. A bid valid for a shorter period shall be rejected by the ASB as non-responsive.

8. RFQ Clarifications

Queries or clarifications will not be entertained over the phone. All queries and clarifications must be sought in writing or sent to the Centralised Procurement Unit at cpu@asb.edu.my after the RFQ is issued and final queries should be sent 1 day before the closing date of the RFQ submission.

9. Venue and Deadline for Submission of Proposals

The proposals duly completed as per the instructions given in this document and the amendments issued if any, shall be emailed with softcopy attachment to this email address on or before the last date of proposal submission.

STAFF NAME	EMAIL ADDRESS
Centralised Procurement Unit	cpu@asb.edu.my

Proposals must be received by ASB at the email address specified above on any working day from 8:30 a.m. to 6:00 p.m. and **not later than noon, 24 April 2026.**

ASB may, in exceptional circumstances and at its sole discretion, extend the deadline for submission of proposals by issuing a corrigendum.

In this case, all rights and obligations of the ASB and the bidders previously subject to the original deadline will thereafter be subject to the deadline as extended.

10. Late Proposals

Any proposal received by ASB after the deadline for submission of proposals prescribed in RFQ will be summarily rejected and will not be evaluated.

11. Corrupt or Fraudulent Practice

In the event of the Bidder engaging in any corrupt or fraudulent practices during the proposal process, as per the judgment of ASB, the proposal will be rejected.

The Bidder is encouraged to report to ASB'S Chairman of the Audit Committee via email at ethics@asb.edu.my if it comes to his/her knowledge of any Improper Conduct (as defined hereunder) or incidents of any director, officer or employee of ASB asking for or receiving, any Gratification whether for his/her own personal benefit or advantage or for the benefit or advantage of any other person, in relation to this Agreement. Any such information disclosed by or received from the bidder shall be handled in strict confidentiality.

Any decision in this regard will be final and binding on the Bidder.

For the purpose of this clause: “Corrupt Practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of ASB in the selection process. It also includes bringing undue influence through any quarter or interfering directly or indirectly in the selection process to affect its outcome. “Fraudulent Practice” means a misrepresentation of facts in order to influence the selection process to the detriment of the Asia School of Business.

12. Right to Termination/ Cancellation

Notwithstanding anything contained in this document, ASB reserves the right to cancel/terminate the proposal process without assigning any reason whatsoever, at any time before signing the contract and ASB shall have no liability for the above-mentioned actions.

13. Other Terms and Conditions

13.1 Joint Partners and Subcontracting

Using a joint partnership(s) is acceptable and must be clearly identified in the proposal. This includes joint submission by two or more Bidders having no formal corporate links. Bidders must be prepared to take overall responsibility for a successful interconnection of the products or services, and this must be defined in the proposal. Subcontracting to any firm or individual whose current or past corporate or other interests may in the ASB’s opinion give rise to a conflict of interest in connection with this project described in this RFQ will not be permitted.

13.2 Due Diligence

Vendors are solely responsible for conducting their own independent research, due diligence, and any other work or investigations and for seeking any other advice necessary for the preparation of their quote.

13.3 Confidentiality

All materials included as part of this RFQ are confidential. The Bidder will sign a non-disclosure agreement with ASB in Appendix VI.

13.4 Other Terms and Conditions

- The working language of the Asia School of Business is English. All responses to this RFQ will be in English.
- The Asia School of Business reserves the right, at its sole option, and for its convenience, to accept and/or reject any RFQ, in whole or in part, for any or no reason.
- By issuing this RFQ, ASB does not imply or give any assurance whatsoever that any quote will be accepted.
- No contractual or other legal obligations arise on the part of ASB to any Bidder by this RFQ until such time as a final, written agreement, if any, is subsequently entered into with the bidder.
- ASB may or may not award the business that is the subject of this RFQ to any Bidder at the ASB's sole discretion. ASB reserves the right to negotiate with bidders, seek clarification from bidders regarding their responses and invite modifications to the quotes submitted.
- ASB retains the right to withdraw or modify this RFQ at any time without notice and without obligation to the Bidder.
- ASB may waive compliance with the requirements of this RFQ and consider a response that does not meet all the requirements of this RFQ.
- The Bidder submits the quote at their own risk. If prior to the deadline for submission of quote the Bidder fails to notify ASB of an error and the Bidder's quote is selected, the Bidder shall not be entitled to any compensation or time by reason of the error or its later correction.
- No part of this RFQ will become part of any final agreement between the Asia School of Business and the Bidder unless specifically incorporated into a final, written agreement. Any or all contents of your quote may become part of the final agreement.
- The bidder's response, including fees, shall constitute a binding offer capable of acceptance in whole or in part by the Asia School of Business and if selected

will remain valid until such time as a final agreement is negotiated and executed.

- ASB shall not be in any way responsible for or liable for any costs associated with the Bidder's submission and the Bidder shall not make a claim to ASB for any such cost or expenses.
- By submitting a response, the Bidder agrees to waive any right to claim damages against ASB for any reason, cause, or thing arising out of the RFQ process.
- ASB reserves the right to postpone or change the date for receipt of quotes or any other deadlines and dates specified in this RFQ upon notice. By submitting a quote, the Bidder agrees to be bound by any modifications made by ASB.
- ASB reserves the right to discuss different or additional terms to those included in the RFQ or received in any quote, and to amend or modify any terms of this RFQ.
- The Bidder shall bear all costs and expenses associated with the preparation and submission of its quote. This includes but is not limited to: site visits; all information gathering processes; interviews, preparing responses to questions or requests for clarification from ASB and any contract discussions and negotiations.
- ASB may require Bidders to send representatives to ASB's offices for interviews and presentations.
- ASB reserves the right to discontinue negotiations with any Bidder.
- All submissions become the property of the Asia School of Business and will not be returned.
- Neither Asia School of Business, its staff, representatives, nor any of its consultants or agents will be liable for any claims or damages resulting from solicitation, collection, review or evaluation of quotes.

14. Appendix I

14.1 Period Coverage

- Provide On-Site Audio-Visual Technical Support for 1 year as specified below (14.2).

14.2 Scope of Work

On-Site Audio-Visual Technical Support tasks are those tasks which audio-visual system administrators perform on a day-to-day basis, allowing for the upkeep of the audio-visual system. Some of the common On-Site Audio-Visual Technical Support tasks include, but are not limited to, the following general activities:

a. To provide technical support, and troubleshooting for audio-visual equipment:

- i. The Vendor shall provide on-site technical support for day-to-day AV operations, including troubleshooting, system setup, and support for classes, meetings, hybrid sessions, and events. This shall include but not limited to:
 - A. Back-end patching and routing of audio and video signal
 - B. Audio-visual system power on off
 - C. Microphone battery replacement
 - D. Ensuring all integrated control and automation working perfectly
 - E. Setup and operate audio-visual equipment for classes, trainings, presentations, meetings, and conferences.
 - F. Identify and resolve equipment malfunctions
 - G. Perform equipment additions, removals, repairs, replacements, and inspections.
 - H. Assemble and disassemble audio-visual equipment as needed.
 - I. Test equipment to ensure they are in good and safe working conditions.
 - J. Audio console operations, audio video switcher operations, audio video recorder and streaming device operations, lighting console operations, digital signage system operations, video camera operations, audio and video conferencing operations.
 - K. Location covered shall include but not limited to locations listed in Appendix III

b. To provide technical support and troubleshooting for audio-visual electrical circuit:

- i. The Vendor shall act as an electrician for the Audio-visual system. This shall include but not limited to:
 - A. Troubleshooting and repairing malfunctioning equipment, appliances, and apparatus.
 - B. Test electrical systems and continuity of circuits in electrical wiring, equipment, and fixtures, using testing devices such as ohmmeters, voltmeters, and oscilloscopes, to ensure compatibility and safety of system.
 - C. Advising management on continued use of unsuitable equipment, appliances, and apparatus.

c. To provide technical support and troubleshooting for on-site audio video conferencing and live streaming:

- i. The Vendor shall assist the Audio-visual department on audio and video signal routing and connection from the audio-visual system on-site to the teleconferencing service, video conferencing software or hardware, and live streaming platform. This shall include usage of SIP protocol, RTMP push, conference codec, cloud-based video conferencing etc.

d. To provide add-on audio-visual integration and configuration change upon client request for audio-visual operations:

- i. The Vendor shall provide support for add-on audio-visual system integration such as external LED screen, external audio system, API integration to the system, etc.

e. Installing, replacing, or upgrading audio-visual hardware and software:

- i. The Vendor needs to monitor and maintain all audio-visual equipment as attached in Appendix II. This shall include audio-visual hardware and software installations and upgrades including every PCs and tablets within the system, replacement of faulty equipment, software, and hardware upgrades, etc. Cost of replacement or upgrades will be borne by ASB if there is any.

f. Monitoring, health check, tuning and optimizing the audio-visual system:

- i. The Vendor shall continuously monitor the audio-visual system and its equipment, ensuring it is operating at optimum level. It is the Vendor's responsibility to fulfil these tasks that shall include but not limited to:
 - A. Projector repair and maintenance
 - B. Projector lens cleaning
 - C. Projector light path cleaning
 - D. Projector filter cleaning at scheduled intervals
 - E. Lamp replacement at scheduled intervals
 - F. Focus adjustment
 - G. Image alignment
 - H. Image color calibration
 - I. Ensure consistent and stable video signal with appropriate resolution, aspect ratio, and image quality for all audio-visual equipment
 - J. Cable and connectors replacement and repair
 - K. Speaker calibration and equalization to ensure all speakers are at optimum performance
 - L. Proper gain staging for all audio equipment
 - M. Microphone repair and maintenance

- ii. SIP and Conference Codec administrations:
 - A. The Vendor shall configure SIP devices and Conference Codec upon request of the audio-visual department with appropriate accounts and licenses to the requested location. The Vendor shall also route the audio-visual signal from the device to the requested location.

g. Support for audio-visual network upgrades, expansions, or enhancements:

- i. The Vendor is expected to be actively involved in the development of new audio-visual system and equipment implementation. Any service delivery will follow the agreed ICT Project and Governance process. The Vendor would be expected to be involved in all aspects of the serviced development and to provide work and cost estimates as part of the approval process. It is likely that this facility will only be used once the basic infrastructure managed services have stabilized.

h. Ensuring compliance with legal regulations and corporate policies:

- i. A structured audio-visual system maintenance methodology also ensures that the system and network is compliant with both legal obligations as well as corporate policies. Regulatory policies, which are mandatory enforcements of compliance with industry regulations and laws, will differ for businesses. Regardless of the industry and the requirements, it is important to ensure the business is following the industry standards as regulated by the law. Unlike legal regulations, corporate policies will vary on a business-by-business basis; however, it is still important to ensure that the network adheres to these policies and can provide the required functions.

i. Documenting the audio-visual activity reports, including daily/weekly operation reports, scheduled and ad-hoc maintenance or update reports, equipment repair or replacement report:

- i. The Vendor shall document all activity report in a systematic manner

14.3 Project Deliverables

- All associated documentation requested in the scope of work shall be completed and submitted to the ASB Audio-visual department.

15. Appendix II: Equipment Coverage

Tiered 120 (CR-E2-02)							
ITEM DESCRIPTION	QTY	UoM	BRAND	MODEL	COVERED QTY	CATEGORY	PRIORITY
Antenna Distribution System	1	lot	Shure	UA844SWB x1,UA864US x2	1	AUDIO SYSTEM	HIGH
Expander Module	7	Nos	Biamp	EX-MOD	4	AUDIO SYSTEM	HIGH
4 Channel Audio Input Module	19	Nos	Biamp	EIC-4	10	AUDIO SYSTEM	HIGH
2 Channel Audio Input And Output Module	2	Nos	Biamp	EIOC-4	1	AUDIO SYSTEM	HIGH
VoIP Encoder	8	Nos	Crestron	DM-NVX-350	4	VIDEO SYSTEM	HIGH
VoIP Decoder	8	Nos	Crestron	DM-NVX-350	4	VIDEO SYSTEM	HIGH
PTZ Colour Camera	4	Nos	Panasonic	AW-HE40	2	VIDEO SYSTEM	HIGH
Wireless Presentation System & Collaboration Server	1	No	Extron	ShareLink 200 N	1	VIDEO SYSTEM	HIGH
Video / Data Projector - WUXGA Laser 7000 Lumens c/w suitable lens	2	Nos	Panasonic	PT-RZ770	1	VIDEO SYSTEM	HIGH
Motorised Roll Down Screen with mount bracket Image Size : 3000 x 1875mm (W x H) Front projection	2	Nos	Draper	Premier	1	VIDEO SYSTEM	HIGH
Scaling Soft Conference USB Bridge c/w DSP	1	No	Extron	MediaPort 200	1	VIDEO SYSTEM	HIGH
Wireless Touch Panel c/w control apps	2	Nos	Apple/Crestron	Ipad 9.7" 32GB	1	CONTROL SYSTEM	HIGH

Control Distribution Box	1	No	Crestron	DIN-CENCN-2	1	CONTROL SYSTEM	HIGH
Control Interface	6	Nos	Crestron	CEN-CI3-3	3	CONTROL SYSTEM	HIGH
IR Control Card	1	No	Crestron	C3IR-8	1	CONTROL SYSTEM	HIGH
COM Control Card	1	No	Crestron	C3COM-3	1	CONTROL SYSTEM	HIGH
Relay Control Card	1	No	Crestron	C3RY-16	1	CONTROL SYSTEM	HIGH
Digital Input/Output Control Card	13	Nos	Crestron	C3IO-16	7	CONTROL SYSTEM	HIGH
8 Channel Power Switching Module	1	No	Crestron	DIN-8SW8	1	CONTROL SYSTEM	HIGH
Power Supply for control distribution box	1	No	Crestron	CNPWSI-75	1	CONTROL SYSTEM	HIGH

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Tiered 75.1 (CR-W2-05)

ITEM DESCRIPTION	QTY	UoM	BRAND	MODEL	COVERED QTY	CATEGORY	PRIORITY
Antenna Distribution System	1	lot	Shure	UA844SWB x1,UA864US x2	1,1	AUDIO SYSTEM	HIGH
Expander Module	5	Nos	Biamp	EX-MOD	3	AUDIO SYSTEM	HIGH
4 Channel Audio Input Module	13	Nos	Biamp	EIC-4	7	AUDIO SYSTEM	HIGH
2 Channel Audio Input And Output Module	2	Nos	Biamp	EIOC-4	1	AUDIO SYSTEM	HIGH
VoIP Encoder	6	Nos	Crestron	DM-NVX-350	3	VIDEO SYSTEM	HIGH
VoIP Decoder	7	Nos	Crestron	DM-NVX-350	4	VIDEO SYSTEM	HIGH
PTZ Colour Camera	2	Nos	Panasonic	AW-HE40	1	VIDEO SYSTEM	HIGH
Wireless Presentation System & Collaboration Server	1	No	Extron	ShareLink 200 N	1	VIDEO SYSTEM	HIGH
Video / Data Projector - WUXGA Laser 7000 Lumens c/w suitable lens	2	Nos	Panasonic	PT-RZ770	1	VIDEO SYSTEM	HIGH
Motorised Roll Down Screen with mount bracket. Image Size : 3000 x 1875mm (W x H) Front projection	2	Nos	Draper	Premier	1	VIDEO SYSTEM	HIGH
Scaling Soft Conference USB Bridge c/w DSP	1	No	Extron	MediaPort 200	1	VIDEO SYSTEM	HIGH
Wireless Touch Panel c/w control apps	2	Nos	Apple/Crestron	Ipad 9.7" 32GB	1	CONTROL SYSTEM	HIGH
Control Distribution Box	1	No	Crestron	DIN-CENCN-2	1	CONTROL SYSTEM	HIGH
Control Interface	4	Nos	Crestron	CEN-CI3-3	2	CONTROL SYSTEM	HIGH

IR Control Card	1	No	Crestron	C3IR-8	1	CONTROL SYSTEM	HIGH
COM Control Card	1	No	Crestron	C3COM-3	1	CONTROL SYSTEM	HIGH
Relay Control Card	1	No	Crestron	C3RY-16	1	CONTROL SYSTEM	HIGH
Digital Input/Output Control Card	9	Nos	Crestron	C3IO-16	5	CONTROL SYSTEM	HIGH
8 Channel Power Switching Module	1	No	Crestron	DIN-8SW8	1	CONTROL SYSTEM	HIGH
Power Supply for control distribution box	1	No	Crestron	CNPWSI-75	1	CONTROL SYSTEM	HIGH

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Tiered 75.2 (CR-W2-03)

ITEM DESCRIPTION	QTY	UoM	BRAND	MODEL	COVERED QTY	CATEGORY	PRIORITY
Antenna Distribution System	1	lot	Shure	UA844SWB x1,UA864US x2	1,1	AUDIO SYSTEM	HIGH
Expander Module	5	Nos	Biamp	EX-MOD	3	AUDIO SYSTEM	HIGH
4 Channel Audio Input Module	13	Nos	Biamp	EIC-4	7	AUDIO SYSTEM	HIGH
2 Channel Audio Input And Output Module	2	Nos	Biamp	EIOC-4	1	AUDIO SYSTEM	HIGH
VoIP Encoder	6	Nos	Crestron	DM-NVX-350	3	VIDEO SYSTEM	HIGH
VoIP Decoder	7	Nos	Crestron	DM-NVX-350	4	VIDEO SYSTEM	HIGH
PTZ Colour Camera	2	Nos	Panasonic	AW-HE40	1	VIDEO SYSTEM	HIGH
Wireless Presentation System & Collaboration Server	1	No	Extron	ShareLink 200 N	1	VIDEO SYSTEM	HIGH
Video / Data Projector - WUXGA Laser 7000 Lumens c/w suitable lens	2	Nos	Panasonic	PT-RZ770	1	VIDEO SYSTEM	HIGH
Motorised Roll Down Screen with mount bracket. Image Size : 3000 x 1875mm (W x H) Front projection	2	Nos	Draper	Premier	1	VIDEO SYSTEM	HIGH
Scaling Soft Conference USB Bridge c/w DSP	1	No	Extron	MediaPort 200	1	VIDEO SYSTEM	HIGH
Wireless Touch Panel c/w control apps	2	Nos	Apple/Crestron	Ipad 9.7" 32GB	1	CONTROL SYSTEM	HIGH
Control Distribution Box	1	No	Crestron	DIN-CENCN-2	1	CONTROL SYSTEM	HIGH
Control Interface	4	Nos	Crestron	CEN-CI3-3	2	CONTROL SYSTEM	HIGH

IR Control Card	1	No	Crestron	C3IR-8	1	CONTROL SYSTEM	HIGH
COM Control Card	1	No	Crestron	C3COM-3	1	CONTROL SYSTEM	HIGH
Relay Control Card	1	No	Crestron	C3RY-16	1	CONTROL SYSTEM	HIGH
Digital Input/Output Control Card	9	Nos	Crestron	C3IO-16	5	CONTROL SYSTEM	HIGH
8 Channel Power Switching Module	1	No	Crestron	DIN-8SW8	1	CONTROL SYSTEM	HIGH
Power Supply for control distribution box	1	No	Crestron	CNPWSI-75	1	CONTROL SYSTEM	HIGH

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Tiered 75.3 (CR-W3-01)

ITEM DESCRIPTION	QTY	UoM	BRAND	MODEL	COVERED QTY	CATEGORY	PRIORITY
Antenna Distribution System	1	lot	Shure	UA844SWB x1,UA864US x2	1,1	AUDIO SYSTEM	HIGH
Expander Module	5	Nos	Biamp	EX-MOD	3	AUDIO SYSTEM	HIGH
4 Channel Audio Input Module	13	Nos	Biamp	EIC-4	7	AUDIO SYSTEM	HIGH
2 Channel Audio Input And Output Module	2	Nos	Biamp	EIOC-4	1	AUDIO SYSTEM	HIGH
VoIP Encoder	6	Nos	Crestron	DM-NVX-350	3	VIDEO SYSTEM	HIGH
VoIP Decoder	7	Nos	Crestron	DM-NVX-350	4	VIDEO SYSTEM	HIGH
PTZ Colour Camera	2	Nos	Panasonic	AW-HE40	1	VIDEO SYSTEM	HIGH
Wireless Presentation System & Collaboration Server	1	No	Extron	ShareLink 200 N	1	VIDEO SYSTEM	HIGH
Video / Data Projector - WUXGA Laser 7000 Lumens c/w suitable lens	2	Nos	Panasonic	PT-RZ770	1	VIDEO SYSTEM	HIGH
Motorised Roll Down Screen with mount bracket. Image Size : 3000 x 1875mm (W x H) Front projection	2	Nos	Draper	Premier	1	VIDEO SYSTEM	HIGH
Scaling Soft Conference USB Bridge c/w DSP	1	No	Extron	MediaPort 200	1	VIDEO SYSTEM	HIGH
Wireless Touch Panel c/w control apps	2	Nos	Apple/Crestron	Ipad 9.7" 32GB	1	CONTROL SYSTEM	HIGH
Control Distribution Box	1	No	Crestron	DIN-CENCN-2	1	CONTROL SYSTEM	HIGH
Control Interface	4	Nos	Crestron	CEN-CI3-3	2	CONTROL SYSTEM	HIGH

IR Control Card	1	No	Crestron	C3IR-8	1	CONTROL SYSTEM	HIGH
COM Control Card	1	No	Crestron	C3COM-3	1	CONTROL SYSTEM	HIGH
Relay Control Card	1	No	Crestron	C3RY-16	1	CONTROL SYSTEM	HIGH
Digital Input/Output Control Card	9	Nos	Crestron	C3IO-16	5	CONTROL SYSTEM	HIGH
8 Channel Power Switching Module	1	No	Crestron	DIN-8SW8	1	CONTROL SYSTEM	HIGH
Power Supply for control distribution box	1	No	Crestron	CNPWSI-75	1	CONTROL SYSTEM	HIGH

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Tiered 60 (CR-W3-02)							
ITEM DESCRIPTION	QTY	UoM	BRAND	MODEL	COVERED QTY	CATEGORY	PRIORITY
Antenna Distribution System	1	lot	Shure	UA844SWB x1,UA864US x2	1,1	AUDIO SYSTEM	HIGH
Expander Module	4	Nos	Biamp	EX-MOD	2	AUDIO SYSTEM	HIGH
4 Channel Audio Input Module	10	Nos	Biamp	EIC-4	5	AUDIO SYSTEM	HIGH
2 Channel Audio Input And Output Module	2	Nos	Biamp	EIOC-4	1	AUDIO SYSTEM	HIGH
VoIP Encoder	6	Nos	Crestron	DM-NVX-350	3	VIDEO SYSTEM	HIGH
VoIP Decoder	7	Nos	Crestron	DM-NVX-350	4	VIDEO SYSTEM	HIGH
PTZ Colour Camera	2	Nos	Panasonic	AW-HE40	1	VIDEO SYSTEM	HIGH
Wireless Presentation System & Collaboration Server	1	No	Extron	ShareLink 200 N	1	VIDEO SYSTEM	HIGH
Video / Data Projector - WUXGA Laser 7000 Lumens c/w suitable lens	2	Nos	Panasonic	PT-RZ770	1	VIDEO SYSTEM	HIGH
Motorised Roll Down Screen with mount bracket. Image Size : 3000 x 1875mm (W x H) Front projection	2	Nos	Draper	Premier	1	VIDEO SYSTEM	HIGH
Scaling Soft Conference USB Bridge c/w DSP	1	No	Extron	MediaPort 200	1	VIDEO SYSTEM	HIGH
Wireless Touch Panel c/w control apps	2	Nos	Apple/Crestron	Ipad 9.7" 32GB	1	CONTROL SYSTEM	HIGH
Control Distribution Box	1	No	Crestron	DIN-CENCN-2	1	CONTROL SYSTEM	HIGH
Control Interface	4	Nos	Crestron	CEN-CI3-3	2	CONTROL SYSTEM	HIGH

IR Control Card	1	No	Crestron	C3IR-8	1	CONTROL SYSTEM	HIGH
COM Control Card	1	No	Crestron	C3COM-3	1	CONTROL SYSTEM	HIGH
Relay Control Card	1	No	Crestron	C3RY-16	1	CONTROL SYSTEM	HIGH
Digital Input/Output Control Card	7	Nos	Crestron	C3IO-16	4	CONTROL SYSTEM	HIGH
8 Channel Power Switching Module	1	No	Crestron	DIN-8SW8	1	CONTROL SYSTEM	HIGH
Power Supply for control distribution box	1	No	Crestron	CNPWSI-75	1	CONTROL SYSTEM	HIGH

Proceed to next page

Flat 60.1 (CR-E2-01)

ITEM DESCRIPTION	QTY	UoM	BRAND	MODEL	COVERED QTY	CATEGORY	PRIORITY
Antenna Distribution System	1	Lot	Shure	UA844SWB x5, UA864US x2	3,1	AUDIO SYSTEM	HIGH
Expander Module	2	Nos	Biamp	EX-MOD	1	AUDIO SYSTEM	HIGH
4 Channel Audio Input Module	4	Nos	Biamp	EIC-4	1	AUDIO SYSTEM	HIGH
2 Channel Audio I/O Module	2	Nos	Biamp	EIOC-4	2	AUDIO SYSTEM	HIGH
VoIP Encoder	6	Nos	Crestron	DM-NVX-350	3	VIDEO SYSTEM	HIGH
VoIP Decoder	5	Nos	Crestron	DM-NVX-350	3	VIDEO SYSTEM	HIGH
PTZ Colour Camera	2	Nos	Panasonic	AW-HE40	1	VIDEO SYSTEM	HIGH
Wireless Presentation System & Collaboration Server	1	No	Extron	ShareLink 200 N	1	VIDEO SYSTEM	HIGH
Video/Data Projector (WUXGA Laser 7000 lumens)	2	Nos	Panasonic	PT-RZ770	1	VIDEO SYSTEM	HIGH
Motorised Roll Down Screen (3000 x 1875 mm)	2	Nos	Draper	Premier	1	VIDEO SYSTEM	HIGH
Scaling Soft Conference USB Bridge w/ DSP	1	No	Extron	MediaPort 200	1	VIDEO SYSTEM	HIGH
Wireless Touch Panel (w/ apps)	2	Nos	Apple/Crestron	iPad 9.7" 32GB	1	CONTROL SYSTEM	HIGH
Wall Dock for Touch Panel	1	No	Crestron	IDOC-PAD-LCA2-DSWC	1	CONTROL SYSTEM	HIGH
Control Distribution Box	1	No	Crestron	DIN-CENCN-2	1	CONTROL SYSTEM	HIGH
Control Interface	1	No	Crestron	CEN-CI3-3	1	CONTROL SYSTEM	HIGH
RS232 Control Card	1	No	Crestron	C3COM-3	1	CONTROL SYSTEM	HIGH
Relay Control Card	1	No	Crestron	C3RY-16	1	CONTROL SYSTEM	HIGH
8 Channel Power	1	No	Crestron	DIN-8SW8	1	CONTROL SYSTEM	HIGH

Switching Module							
Power Supply for control distribution box	1	No	Crestron	CNPWSI-75	1	CONTROL SYSTEM	HIGH
Proceed to next page							

Flat 60.2 (CR-W3-03)

ITEM DESCRIPTION	QTY	UoM	BRAND	MODEL	COVERED QTY	CATEGORY	PRIORITY
Antenna Distribution System	1	Lot	Shure	UA844SWB x5, UA864US x2	3,1	AUDIO SYSTEM	HIGH
Expander Module	2	Nos	Biamp	EX-MOD	1	AUDIO SYSTEM	HIGH
4 Channel Audio Input Module	4	Nos	Biamp	EIC-4	1	AUDIO SYSTEM	HIGH
2 Channel Audio I/O Module	2	Nos	Biamp	EIOC-4	2	AUDIO SYSTEM	HIGH
VoIP Encoder	6	Nos	Crestron	DM-NVX-350	3	VIDEO SYSTEM	HIGH
VoIP Decoder	5	Nos	Crestron	DM-NVX-350	3	VIDEO SYSTEM	HIGH
PTZ Colour Camera	2	Nos	Panasonic	AW-HE40	1	VIDEO SYSTEM	HIGH
Wireless Presentation System & Collaboration Server	1	No	Extron	ShareLink 200 N	1	VIDEO SYSTEM	HIGH
Video/Data Projector (WUXGA Laser 7000 lumens)	2	Nos	Panasonic	PT-RZ770	1	VIDEO SYSTEM	HIGH
Motorised Roll Down Screen (3000 x 1875 mm)	2	Nos	Draper	Premier	1	VIDEO SYSTEM	HIGH
Scaling Soft Conference USB Bridge w/ DSP	1	No	Extron	MediaPort 200	1	VIDEO SYSTEM	HIGH
Wireless Touch Panel (w/ apps)	2	Nos	Apple/Crestron	iPad 9.7" 32GB	1	CONTROL SYSTEM	HIGH
Wall Dock for Touch Panel	1	No	Crestron	IDOC-PAD-LCA2-DSWC	1	CONTROL SYSTEM	HIGH
Control Distribution Box	1	No	Crestron	DIN-CENCN-2	1	CONTROL SYSTEM	HIGH
Control Interface	1	No	Crestron	CEN-CI3-3	1	CONTROL SYSTEM	HIGH
RS232 Control Card	1	No	Crestron	C3COM-3	1	CONTROL SYSTEM	HIGH
Relay Control Card	1	No	Crestron	C3RY-16	1	CONTROL SYSTEM	HIGH
8 Channel Power	1	No	Crestron	DIN-8SW8	1	CONTROL SYSTEM	HIGH

Switching Module							
Power Supply for control distribution box	1	No	Crestron	CNPWSI-75	1	CONTROL SYSTEM	HIGH
Proceed to next page							

Flat 40 (CR-W2-04)

ITEM DESCRIPTION	QTY	UoM	BRAND	MODEL	COVERED QTY	CATEGORY	PRIORITY
Antenna Distribution System	1	Lot	Shure	UA844SWB x4, UA864US x2	2,1	AUDIO SYSTEM	HIGH
Expander Module	2	Nos	Biamp	EX-MOD	1	AUDIO SYSTEM	HIGH
4 Channel Audio Input Module	4	Nos	Biamp	EIC-4	1	AUDIO SYSTEM	HIGH
2 Channel Audio I/O Module	2	Nos	Biamp	EIOC-4	2	AUDIO SYSTEM	HIGH
VoIP Encoder	6	Nos	Crestron	DM-NVX-350	3	VIDEO SYSTEM	HIGH
VoIP Decoder	4	Nos	Crestron	DM-NVX-350	2	VIDEO SYSTEM	HIGH
PTZ Colour Camera	2	Nos	Panasonic	AW-HE40	1	VIDEO SYSTEM	HIGH
Wireless Presentation System & Collaboration Server	1	No	Extron	ShareLink 200 N	1	VIDEO SYSTEM	HIGH
Video/Data Projector (WUXGA Laser 7000 lumens)	1	No	Panasonic	PT-RZ770	1	VIDEO SYSTEM	HIGH
Motorised Roll Down Screen (3000 x 1875 mm)	1	No	Draper	Premier	1	VIDEO SYSTEM	HIGH
Scaling Soft Conference USB Bridge w/ DSP	1	No	Extron	MediaPort 200	1	VIDEO SYSTEM	HIGH
Wireless Touch Panel (w/ apps)	2	Nos	Apple/Crestron	iPad 9.7" 32GB	1	CONTROL SYSTEM	HIGH
Control Distribution Box	1	No	Crestron	DIN-CENCN-2	1	CONTROL SYSTEM	HIGH
Control Interface	1	No	Crestron	CEN-CI3-3	1	CONTROL SYSTEM	HIGH
RS232 Control Card	1	No	Crestron	C3COM-3	1	CONTROL SYSTEM	HIGH
Relay Control Card	1	No	Crestron	C3RY-16	1	CONTROL SYSTEM	HIGH
8 Channel Power Switching Module	1	No	Crestron	DIN-8SW8	1	CONTROL SYSTEM	HIGH

Power Supply for control distribution box	1	No	Crestron	CNPWSI-75	1	CONTROL SYSTEM	HIGH
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Demo Lab 1 (Ground Floor)

ITEM DESCRIPTION	QTY	UoM	BRAND	MODEL	COVERED QTY	CATEGORY	PRIORITY
Audio Processor	1	No	Biamp	Nexia CS	1	AUDIO SYSTEM	HIGH
Power Amplifier	1	No	Lab Gruppen	Lucia240/1-70	1	AUDIO SYSTEM	HIGH
Antenna Distribution System	1	Lot	Shure	UA844SWB x1, UA864US	1,1	AUDIO SYSTEM	HIGH
Video/Data Projector (WUXGA Laser 7000 lumens)	2	Nos	Panasonic	PT-RZ770	1	VIDEO SYSTEM	HIGH
Motorised Roll Down Screen (3000×1875mm)	2	Nos	Draper	Premier	1	VIDEO SYSTEM	HIGH
PTZ Colour Camera	2	Nos	Panasonic	AW-HE40	1	VIDEO SYSTEM	HIGH
Wireless Presentation System & Collaboration	1	No	Extron	ShareLink 200 N	1	VIDEO SYSTEM	HIGH
Scaling Soft Conference USB Bridge w/ DSP	1	No	Extron	MediaPort 200	1	VIDEO SYSTEM	HIGH
Point to Point Matrix Switcher	1	Nos	Extron	CrossPoint 108 4K DTP	1	VIDEO SYSTEM	HIGH
HDMI Tx DTP	5	Nos	Extron	HDMI 4K 330 Tx DTP	3	VIDEO SYSTEM	HIGH
HDMI Rx DTP	7	Nos	Extron	HDMI 4K 330 Rx DTP	4	VIDEO SYSTEM	HIGH
Wall Plate Transmitter	2	Nos	Extron	DWP 4K 332 D	1	VIDEO SYSTEM	HIGH
Control Processor	1	No	Crestron	CP3	1	CONTROL SYSTEM	HIGH
Wireless Touch Panel	2	Nos	Apple/Crestron	iPad 9.7" 32GB	1	CONTROL SYSTEM	HIGH
8 Channel Power Switching Module	1	No	Crestron	DIN-8SW8	1	CONTROL SYSTEM	HIGH

Proceed to next page

Demo Lab 2 (Ground Floor)

ITEM DESCRIPTION	QTY	UoM	BRAND	MODEL	COVERED QTY	CATEGORY	PRIORITY
Audio Processor	1	No	Biamp	Nexia CS	1	AUDIO SYSTEM	HIGH
Power Amplifier	1	No	Lab Gruppen	Lucia240/1-70	1	AUDIO SYSTEM	HIGH
Antenna Distribution System	1	Lot	Shure	UA844SWB x1, UA864US	1,1	AUDIO SYSTEM	HIGH
Video / Data Projector – WUXGA Laser 7000 Lumens c/w suitable lens	1	No	Panasonic	PT-RZ770	1	VIDEO SYSTEM	HIGH
Motorised Roll Down Screen with mount bracket – Image Size 3000×1875mm (W×H) Front projection	1	No	Draper	Premier	1	VIDEO SYSTEM	HIGH
Wireless Presentation System And Collaboration Server	1	No	Extron	ShareLink 200 N	1	VIDEO SYSTEM	HIGH
Scaling Soft Conference USB Bridge c/w DSP	1	No	Extron	MediaPort 200 (DTP)	1	VIDEO SYSTEM	HIGH
Point to Point Matrix Switcher	1	No	Extron	CrossPoint 108 4K DTP	1	VIDEO SYSTEM	HIGH
Point to Point Transmitter	4	No	Extron	HDMI 4K 330 Tx DTP	2	VIDEO SYSTEM	HIGH
Point to Point Receiver	6	No	Extron	HDMI 4K 330 Rx DTP	3	VIDEO SYSTEM	HIGH
Wall Plate Transmitter	2	Nos	Extron	DWP 4K 332 D	1	VIDEO SYSTEM	HIGH
Control Processor	1	No	Crestron	CP3	1	CONTROL SYSTEM	HIGH
Wireless Touch Panel	2	Nos	Apple/Crestron	iPad 9.7" 32GB	1	CONTROL SYSTEM	HIGH
8 Channel Power Switching Module	1	No	Crestron	DIN-8SW8	1	CONTROL SYSTEM	HIGH

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Central AV Room (Level 3 East)

ITEM DESCRIPTION	QTY	UoM	BRAND	MODEL	COVERED QTY	CATEGORY	PRIORITY
Centralized DSP (7 proc. cards, analog inputs, AVB)	2	Nos	Biamp	Tesira Server (SIC-4 x1, DSP-2 x6)	1	Audio System	VERY HIGH
Centralized DSP (7 proc. cards, VoIP inputs, AVB)	2	Nos	Biamp	Tesira Server (DSP-2 x6, SVC-2 x1)	1	Audio System	VERY HIGH
Expander Module	6	Nos	Biamp	EX-MOD	3	Audio System	VERY HIGH
4 Ch. Audio Output Module	18	Nos	Biamp	EOC-4	9	Audio System	VERY HIGH
4 Ch. Amplifier 700W	4	Nos	Lab Gruppen	C 28:4	2	Audio System	HIGH
4 Ch. Amplifier 250W	9	Nos	Lab Gruppen	C 10:4X	5	Audio System	HIGH
Controller for video switching	1	No	Crestron	DM-XIO-DIR-ENT	1	Video System	VERY HIGH
VoIP Encoder	2	Nos	Crestron	DM-NVX-350	1	Video System	HIGH
VoIP Decoder	27	Nos	Crestron	DM-NVX-350	14	Video System	HIGH
Streaming Media Processor w/ License	9	Nos	Extron	SMP352	5	Video System	HIGH
Centralize Control Processor for classroom	8	Nos	Crestron	CP3	4	Control System	VERY HIGH
Centralize Control Processor for boardroom	1	No	Crestron	CP3	1	Control System	HIGH
Centralize Control Processor for central control room equipment	1	No	Crestron	CP3	1	Control System	VERY HIGH
Wireless Touch Panel	2	Nos	Apple/Crestron	iPad 9.7" 32GB	1	Control System	HIGH

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Board Room (Level 5 East)

ITEM DESCRIPTION	QTY	UoM	BRAND	MODEL	COVERED QTY	CATEGORY	PRIORITY
VoIP Encoder	5	Nos	Crestron	DM-NVX-350	3	Video	HIGH
VoIP Decoder	6	Nos	Crestron	DM-NVX-350	3	Video	HIGH
Video Projector – WUXGA Laser 7000 Lumens	1	No	Panasonic	PT-RZ770	1	Video	HIGH
Motorised Roll-Down Screen (3000×1875mm)	1	No	Draper	Premier	1	Video	HIGH
Wireless Touch Panel w/ apps	2	Nos	Apple / Crestron	iPad 9.7" 32GB	1	Control	HIGH
Control Distribution Box	1	No	Crestron	DIN-CENCN-2	1	Control	HIGH
Control Interface	1	No	Crestron	CEN-CI3-3	1	Control	HIGH
Relay Control Card	1	No	Crestron	C3RY-16	1	Control	HIGH
COM Control Card	1	No	Crestron	C3COM-3	1	Control	HIGH
8-Channel Power Switching Module	1	No	Crestron	DIN-8SW8	1	Control	HIGH
Power Supply (Control)	1	No	Crestron	CNPWSI-75	1	Control	HIGH

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Auditorium (Level 1 West)							
ITEM DESCRIPTION	QTY	UoM	BRAND	MODEL	COVERED QTY	CATEGORY	PRIORITY
Digital Mixer	1	No	Midas	Pro 2	1	Audio	VERY HIGH
48 Input 16 Output Stage Box	2	Nos	Midas	DL251	1	Audio	HIGH
Audio Processor	1	No	Meyer Sound	Galaxy816	1	Audio	VERY HIGH
Active Line Array Loudspeaker	8	Nos	Meyer Sound	LINA	4	Audio	VERY HIGH
Active Line Array Subwoofer	2	Nos	Meyer Sound	750-LFC	1	Audio	VERY HIGH
Mounting Bracket for Subwoofer & Line Array	1	No	Meyer Sound / Custom	PN 40.207.101.02 ×2	1	Audio	HIGH
Audio Processor for Ceiling Loudspeaker	1	No	Klark Teknik	DM8000	1	Audio	HIGH
Antenna Distribution System	1	No	Shure	A844SWB ×2, UA874WB ×2	1	Audio	HIGH
24-Way Audio Patch Panel	3	Nos	Switchcraft	MT48FNX	2	Audio	HIGH
VoIP Encoder	20	Nos	Crestron	DM-NVX-350	10	Video	HIGH
VoIP Decoder	25	Nos	Crestron	DM-NVX-350	13	Video	HIGH
Controller (video switching, 200 domains)	1	No	Crestron	DM-XIO-DIR-ENT	1	Video	HIGH
PTZ Colour Camera	4	Nos	Panasonic	AW-HE40	2	Video	HIGH
Remote Control Unit	1	No	Panasonic	AW-RP50G	1	Video	HIGH
Scaling Soft Conference USB Bridge	1	No	Extron	MediaPort 200	1	Video	HIGH
Wireless Presentation Server	1	No	Extron	ShareLink 200 N	1	Video	HIGH
Multi-Window Processor	1	No	Extron	MGP 464 Pro	1	Video	HIGH
Video Projector – WUXGA Laser DLP 12000 Lumens	2	Nos	Panasonic	PT-RZ12K	1	Video	VERY HIGH
Motorised Roll Down Tab Tension Screen (5030×3150mm)	2	Nos	Draper	Paragon V	1	Video	VERY HIGH
Motorised Scissor Lift (projection,	2	Nos	Custom	Custom	1	Video	VERY HIGH

maintenance, show level)							
H.264 Streaming Media Processor	1	No	Extron	SMP352 (with Link License)	1	Video	HIGH
Multi Format AV Mixer	1	No	Roland	VR-50HD	1	Video	HIGH
Wireless Touch Panel w/ apps	2	Nos	Apple / Crestron	iPad 9.7" 32GB	1	Control	HIGH
Control Processor Unit	1	No	Crestron	CP3	1	Control	HIGH
Volume Control Unit	1	No	Crestron	C2N-VEQ4	1	Control	HIGH
Relay Expansion Module	1	No	Crestron	DIN-8SW8	1	Control	HIGH
Infrared Probe	7	Nos	Crestron	IRP2	4	Control	HIGH
8-Channel Power Switching Module	1	No	Crestron	DIN-8SW8	1	Control	HIGH
Large Lighting Console	1	No	Strand Lighting	500ML	1	Stage Lighting	HIGH
DMX Distribution	2	Nos	Chauvet	RDMX Splitter 8	1	Stage Lighting	HIGH
LED Profile (zoom lens, tube, clamp)	6	Nos	Altman	PHX2-3K-15Z	3	Stage Lighting	HIGH
LED Parcan (safety chain + clamp)	8	Nos	ColorImagination	SI-134A	4	Stage Lighting	HIGH
LED Cyclorama (safety chain + clamp)	6	Nos	Philips	PLCYC MK II	3	Stage Lighting	HIGH
LED Fresnel (barndoor, chain, clamp)	4	Nos	Altman	AP-150	2	Stage Lighting	HIGH
LED Moving Head (chain + clamp)	6	Nos	Chauvet	Rogue RH 1	3	Stage Lighting	HIGH
Motorised Lighting Barrel	4	Nos	Custom	Custom	2	Stage Lighting	VERY HIGH

Proceed to next page

MPH							
ITEM DESCRIPTION	QTY	UoM	BRAND	MODEL	COVERED QTY	CATEGORY	PRIORITY
Lift & Screen control panel with key	1	No	Custom	Custom	1	Installation Materials	HIGH
16 channel digital rack mount mixing console	1	No	Behringer	X32 RACK	1	Audio System	VERY HIGH
Digital Loudspeaker Signal Processor	1	No	Klark Teknik	DMB000	1	Audio System	VERY HIGH
8 input 6 output digital seamless scaling presentation matrix switcher	1	No	Extron	DTP Crosspoint 86 4K	1	Video System	VERY HIGH
HDMI + Display Port wall plate type transmitter	4	Nos	Extron	DTP T DWP 4K 332 D	4	Video System	HIGH
HDMI To Receiver Transmitter	1	No	Extron	DTP HDMI 4K 330 Tx	1	Video System	HIGH
UTP to HDMI receiver	7	Nos	Extron	DTP HDMI 4K 330 Rx	7	Video System	HIGH
Video /Data Projector - WUXGA DLP 10,000 Lumens laser projector; 1920 x 1200 maximum resolution	1	No	Panasonic	PT-RZ970	1	Video System	VERY HIGH
Motorised Roll Down Projection Screen; image size : 4060 x 2540mm (W x H) front projection	1	No	Draper	Rolleramic	1	Video System	VERY HIGH
Motorised scissor lift for projector	1	No	Custom	Custom	1	Video System	VERY HIGH
Lifting system to raise and lower projection screen	1	No	Custom	Custom	1	Video System	VERY HIGH
AV Receptacle Panel Type 1 c/w 8x Mic I/P, 6x Speaker O/P, 4x Video UTP I/P, 5x Video UTP O/P	1	No	Custom	Custom	1	Installation Materials	HIGH
AV Receptacle Panel Type 2 c/w	2	Nos	Custom	Custom	2	Installation Materials	HIGH

4x Mic I/P, 1x HDMI/DP Transmitter, 1x Video UTP O/P							
AV Receptacle Panel Type 3 c/w 1x Speaker O/P	4	Nos	Custom	Custom	4	Installation Materials	HIGH
AV Receptacle Panel Type 4 c/w 1x Speaker O/P, 1x HDMI/DP Transmitter, 1x Video UTP O/P	2	Nos	Custom	Custom	2	Installation Materials	HIGH
End of list							

16. Appendix III: Location Coverage

ITEM	DESCRIPTION	QTY	Priority	Technical Support Coverage
A	Academic Building			
i	Classrooms			
1.0	Tiered Classroom (120 Pax)	1 No	High	Yes
2.0	Tiered Classroom (75 Pax)	3 Nos	High	Yes
3.0	Tiered Classroom (60 Pax)	1 No	High	Yes
4.0	Tiered Classroom Portable Unit	1 Lot	Low	Yes
5.0	Flat Classroom (60 Pax)	2 Nos	High	Yes
6.0	Flat Classroom (40 Pax)	1 Nos	High	Yes
7.0	Demo Lab	1 No	Medium	Yes
8.0	Demo Lab MISI	1 No	Medium	Yes
9.0	Flat Flexible	3 Nos	Low	Yes
ii	Other Rooms & System			
11.0	Meeting Room	13 Nos	Low	Yes
12.0	Interview Room	7 Nos	Low	Yes
13.0	Conference Room	4 Nos	Low	Yes
14.0	Small Group Study	27 Nos	Low	Yes
15.0	Small Group Study (Infrastructure)	18 Nos	Low	Yes
16.0	Digital Signage System	1 Lot	Medium	Yes
17.0	Recording Room	1 No	Low	Yes
18.0	Central AV Room	1 Lot	High	Yes
19.0	Dining Area	1 No	Low	Yes
20.0	Faculty Lounge	1 No	Low	Yes
21.0	Student Lounge	1 No	Low	Yes
22.0	Boardroom	1 No	High	Yes
23.0	Spare Equipment List	1 Lot	Low	Yes
B	Auditorium	1 No	High	Yes
C	Residential (ASBR MPH)	1 Lot	High	Yes

17. Appendix IV: Manpower

Manpower Requirements:

- i. One (1) on-site AV technical staff
- ii. Qualification: Diploma/Degree in IT/Audio/Electrical Engineering OR 5 years AV experience
- iii. Support hours: Monday–Friday, 7:00 AM – 7:00 PM
- iv. After-hours on-demand support available:
 - a. 8:00 PM – 12:00 AM
 - b. Weekends
 - c. Public holidays upon request.

18. Appendix V: Service Level Agreement

Incident Severity	Impact	Description
Severity One	Major Impact	Severity One incidents affect classroom, auditorium, boardroom, multipurpose hall, central AV room, demo lab, multiple venues, a large number of audiences, customers, VIPs, interrupt business, and affect service delivery.
Severity Two	Major Impact	Severity Two incidents affect meeting room, study room, interview room, recording room, flat flexible room, conference room, dining display, digital signage system and display, faculty lounge, student lounge, or affects a few staff, students, and interrupt work to some degree. Customers may be slightly affected or inconvenienced.
Severity Three	Minor Impact	Severity Three incidents are those that do not interrupt guests, audiences, users, or the business, and can be worked around. Services to the client and customers can be maintained.
Change Request / Service Request	No Impact	This is a request from the client to make modification to the configuration or setup and additional audio-visual integration.
Administrative Request	No Impact	This is a request in relation to billing, sales or administration of the services and is of a non-technical nature

Incident Severity	Acknowledge	Respond	Action
Severity One	≤ 10 minutes	≤ 15 minutes	Immediate action upon arrival
Severity Two	≤ 15 minutes	≤ 30 minutes	Immediate action upon arrival
Severity Three	≤ 30 minutes	≤ 1 hour	Scheduled or immediate as required
Change Request / Service Request	≤ 2 Business Hours	As agreed	Planned
Administrative Request	Next Business Day	Next Business Day	Two Business Days

19. Appendix VI

19.1 Non-Disclosure Agreement

NON-DISCLOSURE AGREEMENT

THIS AGREEMENT is dated this day of 2026 (“Effective Date”).

BETWEEN

ASB Management Sdn Bhd (Company No. **201301045590 (1075414-U)**) a company incorporated in Malaysia under the Companies Act 1965 and having its registered office at Bangunan Akademik ASB, No.11, Jalan Dato Onn, 50480 Kuala Lumpur, Wilayah Persekutuan Kuala Lumpur on the one part (hereinafter defined as the **“ASB”**) of the first part;

AND

The party whose name and address is set out in Part I of Schedule A hereof (**“AAA”**) of the other part.

(Individually a **“Party”** and collectively the **“Parties”**)

The Parties enter into this Non-Disclosure Agreement ("NDA") in contemplation of one or more meetings and various communications and discussions which here, and will involve the disclosure by one of the Parties (the "Disclosing Party") to the other Party (the "Receiving Party") of Confidential Information, as hereinafter defined, with respect to the purpose as set out in Part II of Schedule A hereof (**“Specific Purpose”**). "Confidential Information" means information which is confidential or proprietary in nature of the Disclosing Party and/or its holding company, its subsidiaries, its affiliates, its associates and/or its clients, in any and all mediums, whether prior to or hereafter disclosed, oral or written, including without limitation:-

- (a) Information relating to the Disclosing Party’s business, organisation, business strategies, projections, forecasts, suppliers, customers, pricing, contracts terms, marketing and development plans, financials, operations and/or services;
- (b) Information relating to intellectual property rights and proprietary information, trade secrets, know-how, ideas, concepts, invention, processes, data, formula, specifications, inventions, discoveries, methods, techniques, improvements, computer programmes and/or technical information with respect to the operations and/or services (including security procedures and layouts of premises);
- (c) Information relating to officers, directors, employees and independent contractors of the Disclosing Party;
- (d) Information in any books, accounts and records kept by the Disclosing Party for the purpose of its business; and

- (e) non-public information reasonably designated as being confidential or which, under the circumstances surrounding disclosure ought to be treated as confidential.

The Receiving Party agrees as follows:

1. Confidential Information disclosed by the Disclosing Party shall be used by the Receiving Party solely for the Specific Purpose.
2. Confidential Information is proprietary to the Disclosing Party and is, and shall remain, the property of the Disclosing Party.
3. Tangible forms of Confidential Information shall not be copied, in whole or in part, without the prior written consent of the Disclosing Party, except for a reasonable number of copies necessary to carry out the transactions contemplated by the NDA.
4. The Receiving Party shall hold Confidential Information in confidence and take all reasonable steps to preserve the confidential and proprietary nature of Confidential Information, including, without limitation:
 - a. Preventing disclosure of Confidential Information to persons within its organization not having a need to know in order to accomplish the Specific Purpose, and persons outside its organization regardless of the reason, except as necessary to carry out the Specific Purpose or to exercise the rights granted herein, and only to the extent that such persons are bound by confidentiality obligations substantially similar to those set forth in this NDA;
 - b. Advising all of its employees, officers, agents who gain access to Confidential Information of its confidential and proprietary nature; and
 - c. Developing reasonable procedures and policies to ensure that all of its employees, officers, agents who gain access to Confidential Information observe the confidentiality and non-disclosure requirements hereof. In the case of its subcontractors, the Receiving Party procure that its subcontractors shall execute an agreement substantially in the form of this NDA with respect to Confidential Information of the Disclosing Party.

The obligations of this paragraph also apply to the fact of the existence of Confidential Information, of this NDA and the occurrence of all meetings and communications of the Parties which involve Confidential Information, and shall survive the termination of this NDA subject to clause 13.

5. The Receiving Party understands and agrees that it is not allowed to sell, license, develop or otherwise exploit any parts, products, services, documents or information which embody in whole or in part any Confidential Information, except as contemplated by the NDA.

6. The confidentiality and non-disclosure obligations of the previous paragraphs shall not apply if, and to the extent that:
 - a. Confidential Information was known to the Receiving Party prior to its receipt from the Disclosing Party;
 - b. Confidential Information is or becomes part of the public domain other than by the fault of the Receiving Party;
 - c. Confidential Information is rightfully disclosed to the Receiving Party by a third party that is legally free to disclose such Confidential Information; or
 - d. Confidential Information is disclosed pursuant to a judicial order or decree, governmental law or regulation, provided that the Receiving Party promptly notifies the Disclosing Party of such requirement, and reasonable opportunity is allowed by the Receiving Party for the Disclosing Party to file for or obtain a protective order or otherwise proceed to protect under applicable law, the interests of the Disclosing Party.

7. Although this NDA does not restrict the Receiving Party from working with a person or entity which has independently developed information or materials similar to the Confidential Information, in such circumstance, the Receiving Party agrees not to disclose the fact that any similarity exists between the Confidential Information and the independently developed information and materials, and the Receiving Party understands that such similarity does not excuse the Receiving Party from the non-disclosure and other obligations in this NDA.

8. All Confidential Information supplied by the Disclosing Party hereunder and all copies thereof, in whole or in part and on all media, shall be returned to the Disclosing Party by the Receiving Party promptly upon demand by the Disclosing Party.

9. The Confidential Information and all Intellectual Property Rights (as defined hereinafter) fixed, embodied or otherwise subsisting therein or arising therefrom, and in all works, inventions, discoveries, know-how, techniques, processes, methods, systems, ideas and other elements thereof, are and will remain the sole and exclusive property of its owner, over which the owner retains all ownership and all right, title, and interest. The furnishing of any Confidential Information hereunder shall not be construed as the granting of a license under any patent, patent application, copyright, copyright registration, trade secret or other proprietary right by the Disclosing Party to any person or entity or as implying any obligation other than is specifically stated herein. For the purposes of this NDA, "Intellectual Property Rights" means any and all rights affecting intellectual or industrial property existing now or in the future in Malaysia or in any other jurisdictions.

10. Both Parties agrees not to issue or release any articles, advertising, publicity, or other public notices relating to this NDA, the facts and circumstances

pertaining hereto, or any Confidential Information or mentioning or implying the name of the Disclosing Party (including without limitation, the fact that a meeting or discussion has taken place between the Parties), except as may be required by law or after providing the Disclosing Party, to the extent practical, with an opportunity to review and comment thereon.

11. Where the Confidential Information includes the exchange of personal data of the subscribers of the Company, the Receiving Party agrees to comply with all data protection legislations including, without limitation, the Personal Data Protection Act 2010 (Act 709).
12. The Receiving Party shall upon the expiry or termination of this NDA or upon demand by the Disclosing Party, purge all information from its computer systems, and/or destroy them (including all copies), return all copies of information given and supporting materials to the Disclosing Party or its authorized representative, and supply written confirmation to the Disclosing Party that such actions have been completed. All obligations to keep all information confidential as of the termination date shall survive termination.
13. This NDA shall continue to govern the delivery of Confidential Information until terminated by mutual agreement of the Parties in writing. The obligations of the Receiving Party hereunder with regard to Confidential Information shall survive the termination of this NDA.
14. The Receiving Party undertakes to indemnify and keep the Disclosing Party at all times fully indemnified from and against any loss or disclosure of the Confidential Information and from all actions, proceedings, claims, demands, costs, awards and damages arising directly or indirectly as a result of any breach or non-performance by the Receiving Party of any of its undertakings, warranties and obligations under this NDA. The Receiving Party understands and agrees that monetary damages will not be sufficient to avoid or compensate for the unauthorized use or disclosure of Confidential Information and that injunctive relief would be appropriate to prevent any actual or threatened use of disclosure of such Confidential Information.
15. The Receiving Party understands that the Disclosing Party may waive some of the requirements expressed in this NDA but such a waiver to be effective must be made in writing by the Disclosing Party and should not in any way be deemed a waiver of the Disclosing Party's right to enforce any other requirements or provisions of this NDA.
16. This NDA shall apply to any Confidential Information in respect of the Specific Purpose that may have been provided to the Receiving Party prior to the Effective Date hereof.

17. The relationship of the Parties is that of independent contractors, and the Parties shall not directly or indirectly claim or represent otherwise to any person.
18. This NDA shall be binding on the respective Parties hereto and their successors and permitted assigns as contemplated by the NDA.
19. Neither the execution of this NDA nor the exchange of Confidential Information shall be deemed an undertaking or commitment from either Party to enter into a commercial transaction with the other Party.
20. This NDA shall be governed by the laws of Malaysia and all disputes arising out of this NDA shall be resolved by arbitration at the Asian International Arbitration Centre (“AIAC”) in accordance with the Rules of the AIAC.
21. This NDA is the entire agreement between the Parties and supersedes any and all prior or contemporaneous representations, agreements and promises, written or oral, between the Disclosing Party and Receiving Party, regarding the subject matter of this NDA. This NDA may be modified only in writing signed by both Parties hereto.
22. This Agreement may be executed in any number of counterparts, each of which will be deemed an original, but all of which together will constitute the same instrument. Signatures delivered by email in PDF format shall be considered valid and binding between parties.

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In witness whereof, the Parties hereto have caused this NDA to be executed by their duly authorised representatives.

ASB Management Sdn Bhd

[Name of Company]

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

SCHEDULE A

PART I – DETAILS OF COMPANY

Name of Company	
Company No	
Nature of Business	
Address	
Contact No	
Contact person	

PART II - SPECIFIC PURPOSE

The Specific Purpose of this NDA involves the provision of information by the Disclosing Party to the Receiving Party concerning the Request for Quotation: **On-Site Audio-Visual Support** for Asia School of Business and all discussions, documents, etc in relation thereto.

20. Appendix VII: Vendor Response Checklist

Vendors are encouraged to structure their proposals in accordance with the criteria to facilitate assessment.

No.	Criteria	Information Required	Reference to Proposal (Section / Page No.)
1	Technical Capability & Expertise	Description of experience supporting enterprise AV systems (audio, video, control, lighting, AVoIP), including classrooms, auditoriums, and live event environments.	
2	Technical Capability & Expertise	List of AV technologies and systems supported (e.g. DSP, AVoIP, control systems, conferencing, streaming, lighting).	
3	Service Support & Responsiveness	Proposed SLA response times aligned to ASB severity levels and service coverage hours.	
4	Service Support & Responsiveness	Support model (on-site, remote, after-hours) including escalation process.	
5	Proposed Team & Manpower Quality	Details of on-site AV personnel including qualifications, experience, and certifications.	
6	Proposed Team & Manpower Quality	Backup and escalation resources available to support the on-site team.	
7	Past Performance & Track Record	Summary of similar AV support & maintenance projects, including client references.	
8	Compliance with Technical Specifications	Confirmation of compliance with RFQ scope, equipment coverage, SLA and reporting requirements.	
9	Compliance with Technical Specifications	List of any deviations or assumptions (if applicable).	
10	Innovation & Continuous Improvement (Optional)	Value-added or continuous improvement proposals (if any).	