

Tender Document

LUMS

TENDER NO. LUMS/300/2026 DATED: 15.09.2026 for “Supply, Installation, Testing and Commissioning of AV Cabling YHS Building – LUMS”

Last Date for submission of bids

29/09/2026 till 03:00 Pm

Opening of bids

29/09/2026 at 03:30 Pm

Lahore University of Management Sciences (hereinafter called LUMS) invites sealed bids for the supplies as per attached BOQ on Single stage two envelope basis.

If you have doubt as to the meaning of any portion of the specification or other terms and conditions, you may seek clarification of the same in writing from us.

You are required to submit your bid, which will bear words “CONFIDENTIAL” and

TENDER NO. LUMS/300/2026 DATED: 15.09.2026 for “Supply, Installation, Testing and Commissioning of AV Cabling YHS Building – LUMS”

Description

1. General Specifications

Lahore University of Management Sciences (LUMS) invites sealed technical and financial proposals from qualified and experienced AV system integrators/contractors for the supply, delivery, installation, termination, testing, commissioning and handover of the complete AV cabling works at the YHS Building.

1.1 Scope of Work

- Supply and delivery of all cables, accessories and associated materials listed in the Bill of Quantities (BOQ).
- Installation and routing of cables through the designated conduits, cable trays and pathways at site.
- Cable pulling, dressing, tagging, identification and securing in accordance with good industry practice.
- Termination, connectorization and testing of all applicable AV, control, network, speaker and HDMI cables.
- Coordination with the LUMS project team, electrical team, civil works team and other nominated contractors.
- Integration of the installed cabling with the existing/proposed AV infrastructure wherever applicable.

- Submission of cable test reports, as-built routing drawings, cable schedules and commissioning documentation.
- Rectification of defects identified during testing, commissioning or the warranty period at no additional cost.

1.2 General Requirements

- All materials shall be new, genuine, unused and suitable for professional AV installation.
- The bidder shall verify site conditions, cable routes, distances, access restrictions and interface requirements before quoting.
- The bidder shall include all labour, tools, lifting equipment, consumables, connectors, termination materials, labels, supports and accessories required for a complete installation.
- Cable routes shall follow the shortest practical path and avoid unnecessary bends, as emphasized in the project note.
- Power, data, control, audio and video cabling shall be routed and segregated in accordance with applicable standards and site requirements.
- The contractor shall protect existing equipment, finishes, furniture and building services during installation.
- Any discrepancy between the BOQ and actual site conditions shall be reported in writing before execution.
- No substitution of specified brands/models or technical characteristics shall be made without prior written approval from LUMS.

1.3 Installation, Testing and Handover

- Prepare and submit an installation methodology and work schedule for approval before mobilization.
- Coordinate work timings with the LUMS representative to minimize disruption to academic and operational activities.
- Test speaker cables for continuity, polarity, insulation integrity and suitability for the connected load.
- Test network/control cables using an appropriate certified cable tester and submit test results.
- Test balanced microphone cables for continuity, shielding, pair integrity and noise-free operation.
- Test HDMI active optical cables for signal stability at the intended resolution, refresh rate and distance.
- Test Crestron DM Lite transmitter/receiver links for HDMI, RS-232 and IR signal extension, where applicable.
- Provide final cable labels at both ends and update the cable schedule and as-built drawings.
- Conduct final demonstration and obtain written acceptance from the LUMS representative.

1.4 Commercial and Contractual Conditions

- Quoted prices shall include supply, delivery, installation, testing, commissioning, documentation and all applicable accessories.
- The bidder shall clearly identify taxes, duties, freight, labour, installation and any exclusions separately.
- The bidder shall state the validity period of the quotation, delivery lead time and installation duration.
- The bidder shall identify any assumptions, deviations or exclusions in a separate compliance statement.
- Payment milestones, retention, liquidated damages and warranty terms shall be finalized in the purchase order/contract.
- The bidder shall comply with all LUMS site safety, security, access and work-permit requirements.

2. Consolidated Technical Specifications

The following specifications represent the minimum technical requirements for the items included in this tender. Equivalent or superior products may be proposed only with complete technical documentation and prior approval.

No.	Item / Reference	Minimum Technical Specification
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1	Speaker Cable – 2/2.5 mm ² Loc Acc 2-Core 2/2.5mm ² Cable – Coil	Low-impedance speaker cable for 4/8-ohm systems; 2-core; minimum 14 AWG / 2.5 mm ² ; stranded pure oxygen-free copper (OFC); stated purity 99.999%; resistance 0.008 Ω/m; capacitance 55.53 pF/m; PVC/plenum-rated; 90 m coil.
2	Speaker Cable – 4 mm ² Loc Acc 2-Core 4mm ² Cable – Coil	Low-impedance speaker cable for 4/8-ohm systems; 2-core; minimum 12 AWG / 4 mm ² ; stranded pure oxygen-free copper (OFC); stated purity 99.999%; resistance 0.006 Ω/m; capacitance 73.48 pF/m; PVC/plenum-rated; 90 m coil.
3	Speaker Cable – 6 mm ² Loc Acc 2-Core 6mm ² Cable – Coil	Low-impedance speaker cable for 4/8-ohm systems; 2-core; minimum 10 AWG / 6 mm ² ; stranded pure oxygen-free copper (OFC); stated purity 99.999%; resistance 0.006 Ω/m; capacitance 73.48 pF/m; PVC/plenum-rated; 90 m coil.
4	CAT 6 UTP Control Cable Digitus CAT 6 UTP Cable Coil	CAT 6 UTP cable; 23 AWG; supplied in 305 m coil; suitable for AV control and low-voltage control applications.
5	CAT 6 SFTP/FTP Control Cable – DALI Digitus CAT 6 SFTP/FTP Cable Coil	CAT 6 SFTP/FTP cable; 23 AWG; supplied in 305 m coil; intended for control applications identified as DALI.
6	CAT 6 UTP AV Device Control Network Digitus CAT 6 UTP Cable Coil	CAT 6 UTP cable; 23 AWG; supplied in 305 m coil; suitable for AV device control networking.
7	Balanced Microphone Cable Extron STP-20-Coil	Analog balanced microphone cable for mic/line-level audio; 20 AWG stranded tinned-copper twisted-pair conductors; tinned-copper drain wire; overall aluminium-foil shield with 100% coverage; low-capacitance polypropylene insulation; PVC inner and outer jackets; 1,000 ft coil.
8	HDMI 2.1 AOC – 10 m Cleerline SSF-48UHD-AOC-10m	8K/UHD HDMI 2.1 active hybrid fibre-optic/copper cable; 48 Gbps; supports 8K@120Hz and 10K; HDCP 2.2/2.3; ARC/eARC; power injector; pure OFC; gold-plated connectors; 10 m length.
9	HDMI 2.1 AOC – 15 m Cleerline SSF-48UHD-AOC-15m	8K/UHD HDMI 2.1 active hybrid fibre-optic/copper cable; 48 Gbps; supports 8K@120Hz and 10K; HDCP 2.2/2.3; ARC/eARC; power injector; pure OFC; gold-plated connectors; 15 m length.
10	HDMI 2.1 AOC – 20 m Cleerline SSF-48UHD-AOC-20m	8K/UHD HDMI 2.1 active hybrid fibre-optic/copper cable; 48 Gbps; supports 8K@120Hz and 10K; HDCP 2.2/2.3; ARC/eARC; power injector; pure OFC; gold-plated connectors; 20 m length.
11	HDMI 2.1 AOC – 30 m Cleerline SSF-48UHD-AOC-30m	8K/UHD HDMI 2.1 active hybrid fibre-optic/copper cable; 48 Gbps; supports 8K@120Hz and 10K; HDCP 2.2/2.3; ARC/eARC; power injector; pure OFC; gold-plated connectors; 30 m length.
12	HDMI 2.1 AOC – 40 m Cleerline SSF-48UHD-AOC-40m	8K/UHD HDMI 2.1 active hybrid fibre-optic/copper cable; 48 Gbps; supports 8K@120Hz and 10K; HDCP 2.2/2.3; ARC/eARC; power injector; pure OFC; gold-plated connectors; 40 m length.
13	DM Lite HDMI/Control Receiver Crestron HD-RXC-4KZ-101-1G-B	DM Lite 4K60 4:4:4 receiver for HDMI, RS-232 and IR signal extension over CATx cable; wall-plate format; black finish.
14	DM Lite HDMI/Control Transmitter Crestron HD-TXC-4KZ-101-1G-B	DM Lite 4K60 4:4:4 transmitter for HDMI, RS-232 and IR signal extension over CATx cable; wall-plate format; black finish.

Note: The bidder shall verify compatibility of all cable types and active devices with the final AV design and existing site infrastructure before installation.

3. Bill of Quantities (BOQ)

The bidder shall complete the unit rates, extended prices and total quoted amount in the following BOQ. Quantities are based on the submitted proposal and shall be verified at site before execution.

Sr.	Description	Unit	Qty
1	Loc Acc 2-Core 2/2.5mm ² Speaker Cable – 90 m Coil	Coil	33
2	Loc Acc 2-Core 4mm ² Speaker Cable – 90 m Coil	Coil	18
3	Loc Acc 2-Core 6mm ² Speaker Cable – 90 m Coil	Coil	17
4	Digitus CAT 6 UTP Cable – 305 m Coil [Control Cables]	Coil	18
5	Digitus CAT 6 SFTP/FTP Cable – 305 m Coil [DALI Controls]	Coil	14
6	Digitus CAT 6 UTP Cable – 305 m Coil [AV Device Control Network]	Coil	8
7	Extron STP-20 Balanced Microphone Cable – 1,000 ft Coil	Coil	7
8	Cleerline SSF-48UHD-AOC-10m HDMI 2.1 AOC Cable	Each	4
9	Cleerline SSF-48UHD-AOC-15m HDMI 2.1 AOC Cable	Each	26
10	Cleerline SSF-48UHD-AOC-20m HDMI 2.1 AOC Cable	Each	23
11	Cleerline SSF-48UHD-AOC-30m HDMI 2.1 AOC Cable	Each	52

12	Cleerline SSF-48UHD-AOC-40m HDMI 2.1 AOC Cable	Each	9
13	Crestron HD-RXC-4KZ-101-1G-B DM Lite Receiver	Each	1
14	Crestron HD-TXC-4KZ-101-1G-B DM Lite Transmitter	Each	1

BOQ clarification: The quoted price shall include all installation-related requirements, including cable routing, pulling, dressing, labelling, termination, testing, commissioning, consumables and documentation, unless expressly identified as an exclusion.

4. Vendor Evaluation and Responsibilities

4.1 Vendor Evaluation Criteria

Evaluation Area	Requirement	Evidence to be Submitted	Weight / Status
Technical Compliance	Full compliance with the consolidated technical specifications and BOQ.	Point-by-point compliance statement and datasheets.	Mandatory
Relevant Experience	Experience in AV cabling, structured cabling and integrated classroom/enterprise AV projects.	Company profile, project list and client references.	Mandatory / Scored
Brand and Product Authenticity	Supply of genuine products from authorized sources.	Manufacturer authorization, certificates and original datasheets.	Mandatory
Installation Capability	Qualified technicians, tools, testing equipment and site supervision.	Staff details, methodology and equipment list.	Mandatory
Testing and Documentation	Ability to provide test reports, cable schedules and as-built drawings.	Sample test reports and documentation format.	Scored
Delivery Schedule	Ability to meet the required delivery and installation timeline.	Lead time and project schedule.	Scored
Warranty and After-Sales Support	Clear warranty, defect rectification and support commitment.	Warranty statement and escalation contacts.	Scored
Commercial Competitiveness	Competitive and complete pricing with no hidden costs.	Signed BOQ, taxes, exclusions and payment terms.	Scored

4.2 Vendor Responsibilities

- Conduct a pre-installation site survey and confirm all cable routes, lengths, access requirements and interfaces.
- Provide a detailed method statement, risk assessment and installation schedule before commencing work.
- Supply all specified materials and ensure that delivered items match the approved make, model and technical specification.
- Arrange qualified manpower, supervision, tools, testing instruments, access equipment and personal protective equipment.
- Coordinate with LUMS and other contractors to avoid clashes with electrical, HVAC, civil, ceiling and other services.
- Ensure that conduits and pathways are clear, adequately sized and suitable for the proposed cable quantities before pulling cables.
- Use proper bend radius, pulling tension, cable support, separation and protection practices.
- Label every cable at both ends using durable, machine-printed labels matching the approved cable schedule.

- Provide connectors, boots, termination kits, cable ties, Velcro, glands, ferrules, sleeves and other accessories necessary for a complete installation.
- Perform all required testing and submit signed test reports before requesting inspection or handover.
- Repair any damage caused to building finishes, ceilings, walls, furniture or existing systems during the work.
- Remove installation waste from site and leave all work areas clean and safe.
- Provide as-built drawings, route diagrams, cable schedules, test reports, product datasheets and warranty documents.
- Provide post-installation support and rectify defects during the warranty period without additional charges, where the defect is attributable to the supplied or installed works.
- Pulling and laying cables and arranging the logistics will also be the vendor's responsibility.

4.3 LUMS Responsibilities

- Provide reasonable access to the work areas subject to academic, security and operational constraints.
- Coordinate access permissions and communicate approved work windows where applicable.
- Provide available information regarding existing AV systems, pathways and relevant interfaces.
- Review and approve submitted drawings, method statements, samples and technical submittals within a reasonable period.
- Inspect completed works and issue comments or acceptance based on compliance with the tender requirements.

4.4 Required Vendor Submission

- Signed and stamped technical compliance statement.
- Completed BOQ with unit rates, amounts, taxes and grand total.
- Manufacturer datasheets and product literature for all proposed items.
- List of deviations, exclusions and assumptions, if any.
- Company profile and evidence of relevant AV/structured-cabling experience.
- Proposed project team, installation methodology and schedule.
- Warranty, after-sales support and defect rectification commitment.
- Quotation validity, delivery lead time and installation completion period. **We need this project to be completed by end of October 2026.**
- Confirmation that all prices include complete installation, testing, commissioning and handover.
- Bidder must provide the MAF, Partnership, Warranty and support letter issued by the OEM

TERMS AND CONDITIONS

1. Instruction to Bidders:

- a) **General:** Bids are invited through Sealed Envelope for the purchase of supplies and other related items from the authorized distributors and manufacturers on delivery Ex-LUMS.
- b) **Bill of quantities:** The bidder may quote for one or more items showing description and specification of offered items.
- c) **The vendor is required to quote in PKR currency and delivery is on Ex-LUMS(DDP) basis.**

2. Date & Time of Submission of Tenders:

The interested bidders may submit their bids on the prescribed form, available on written request on the firm / company letter pad from the Procurement office located, Lahore University of Management Sciences, at Opposite Sector U, DHA Lahore along with a postal order/pay order/bank draft / amounting to Rs. 2,000/- (Non-refundable) drawn in favor of Lahore University Of Management Sciences.

All bids must be delivered in procurement office on or before the prescribed deadline of 03:00 pm on the date already mentioned above.

Any Bid received by LUMS after the prescribed deadline for submission of bids will be returned unopened to the Bidder.

3. Sealing and Marking of Bids:

The bids shall comprise in a Single package containing two separate envelopes each envelope shall contain separately, duly sealed, the "Financial Proposals" and "Technical Proposals". The envelopes shall be marked as "Financial Proposals" and "Technical Proposals" in bold and legible letters to avoid any confusion.

The envelop will be addressed to;
Manager Procurement
Lahore University of Management Sciences,
Opposite Sector U, DHA,
Lahore
TEL: (042)35608246

The envelopes shall also bear the word "CONFIDENTIAL" and following identifications: -
If the envelope is not marked, as instructed above, LUMS will assume no responsibility for the misplacement or premature opening of the bid.

4. Bid Opening:

LUMS will open the bids, in the presence of Bidder's representatives who choose to attend at 03:00 pm on the date already mentioned above, in the Procurement office.

5. Evaluation:

- a) After opening of bids, LUMS will examine the bids for technical evaluation and completeness of the bids as per tender document.
- b) The bids shall be evaluated on the basis of “Technical proposals” and “Financial Proposals” as under:
 - (i) The envelope for “Technical Proposals” will be opened initially in the presence of the bidders.
 - (ii) The envelope for “Financial Proposals” will be retained unopened.
 - (iii) The “Financial Proposals” envelope of technical responsive bidders will be opened in front of technically qualified bidders after the technical evaluation. The “Financial Proposals” envelope of technically non-qualified bidders will be returned unopened to the bidder.
- c) Bidder(s) who do (es) not qualify cannot challenge the findings of the evaluation or ask for reasons of disqualification.

6. Earnest Money:

The bidder must enclose 2% of the total quoted amount as earnest money in shape of pay order/bank draft in favor of Lahore University of Management Sciences. The tenders without earnest money or containing less earnest money will not be accepted. Earnest money of the successful bidder will be refunded after the delivery of the goods.

7. Change in Quantities:

LUMS reserves the right to increase/decrease quantities and it will be the responsibility of the supplier/contractor to deliver the item on time and change defective items.

8. Mode of Payment:

- a) Payment terms will be credit basis.
- b) In case of advance payment first class bank guarantee or mutually accepted collateral will be provided by the bidder.

9. NTN/GST Certificate:

Bidder must mention their National Tax Number (NTN) and General Sales Tax (GST) number (if sales tax registered) and furnish a copy of NTN and GST certificate along with tender.

10. Tax Deduction:

Income Tax as per government tax rules will be deducted from the total amount unless an exemption certificate is provided from the income tax department.

11. Specification Criteria:

All bids must be submitted according to specification given in the BOQ.

12. Delivery Time:

- a) Validity period of the tender will be mutually decided from the date of placement of order. During this period successful bidders will be bound to supply the items on the rates they quoted.
- b) In case the supplier fails to supply the agreed material in time, LUMS reserves the right to reject its offer and confiscate the earnest money deposited.
- c) Delivery will be on Ex-LUMS
- d) Pre-shipment inspection will be done by LUMS if required.

13. Inspection and Testing

- a) LUMS representative shall have the right to inspect and / or test the Goods to confirm their conformity to the Purchase order(s) Specifications.
- b) Should any inspected or tested goods fail to conform to the specifications, LUMS may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet specification of LUMS. All costs incurred on such replacements / alterations shall be entirely borne by the supplier, failing to do so, the purchase order(s) will be cancelled and all retained values will be forfeited in favor of LUMS.

14. Quality of items:

All item(s) supplied by successful bidder should be wholesome and include all the basic accessories. The additional accessories may be included separately. The offered items(s) should not be of substandard nature.

15. Warranty:

As mentioned against each item or for the given period starting from the date of supply.

16. Penalty:

For failure to comply with delivery schedule of Purchase Order(s) penalty will be imposed on defaulting bidder as under:

- a) 1% of the cost of entire order or of such items/job as remains un-supplied/not-completed for every day up to maximum of 5% for 10 days exceeding the delivery period unless mutually agreed in writing.
- b) If the material is not supplied even after payment of penalty for 10 consecutive days LUMS reserves the right to cancel the purchase order and to obtain the required items/get the job done from elsewhere at risk and cost of the defaulting contractor. In this scenario the Earnest money will be confiscated.

17. Grievance Committee

Supplier can contact the grievance committee of LUMS if required.

18. Rejection of Bids:

LUMS reserves the right to reject any or all bids or proposals without assigning any reason.

19. Other Instructions:

- a) Bid Prices shall be quoted on Annexure-"A" and also on letter Head duly filled in, stamped and signed by the authorized representative of Bidder.
- b) Bidding Form Annexure-"B" must also be duly filled in, stamped and signed by authorized representative of Bidder.
- c) Quoted price shall be valid for three months from the opening date of the Tender, for placing order however, any subsequent change in taxes and duties as notified by government will be given due consideration

I/We hereby agree to abide by and fulfill all the terms and conditions of the contract.

The sum of Rs. _____ is herewith forwarded in the shape of _____ as
2% earnest money.

Name and Address of the Firm

Company's Stamp

Name and Signature of company's Representative

CNIC: _____

ANNEXURE “A”
FINANCIAL PROPOSALS

S. No.*	Name of Item	Qty	Ex-LUMS(DDP)	Total Price	Remarks

* S.NO as mentioned on BOQ

Authorized Signature of Bidder with seal

stamp_____

Full name of firm _____

N.I.C. No. _____

Phone no. _____ Mobile No. _____

ANNEXURE-"B"

TECHNICAL PROPOSALS

S. No.*	Name of Item(s)	Specifications / Brand	Qty

* S.NO as mentioned on BOQ

Authorized Signature of bidder with seal stamp

Full name of firm _____

N.I.C. No. _____

Phone no. _____ Mobile No. _____

Note: Attach technical brochure producing detailed specifications for all the offered items(s).

BIDDING FORM

Date: _____

Lahore University of Management Sciences.

Lahore

Gentleman

1. Having examined the conditions to Tender and Specifications of Tender No LUMS/300/2026 DATED: 15.09.2026, the receipt of which is hereby acknowledged. We the undersigned, offer to supply and deliver in conformity with specifications mentioned in BOQ and conditions of Tender for the sum of Rs. _____ (Rupees _____) or such other sums as may be ascertained in accordance with the said Conditions.
2. If our Bid is accepted, we shall deliver the required supplies mentioned in the tender documents within _____ days from the date of receipt of your firm Purchase Order.
3. We agree to abide by the terms and conditions of the Tender for the period of _____ from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
4. Until a formal Purchase order(s) is placed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
5. We understand that you are not bound to accept the lowest or any proposal you may receive or to inform us of the rejection of our bid or to give any reasons thereof.

Dated this _____ day of _____ 2026.

Signature _____ in the capacity of _____ duly
authorized to sign Tender for and on behalf of

(NAME OF FIRM IN BLOCK CAPITALS)

Complete Address: _____

Fax No. _____ Telephone No. _____

(SIGNATURE)

Witness :-1. _____ 2. _____