

# JAMIA HAMDARD

HAMDARD NAGAR, NEW DELHI - 110062

Telephone: 011-26059688-5383/5374

## TENDER DOCUMENT

### FOR

**Supply, Installation, Testing & Commissioning of Audio, Video  
System Works in Scholar House, JAMIA HAMDARD**

**Submitted by:**

**Name:**

**Address:**

**Contact No:**

**Email ID:**

**JAMIA HAMDARD**  
**(DEEMED TO BE UNIVERSITY)**  
**HAMDARD NAGAR, NEW DELHI-110062**

**NOTICE INVITING QUOTATIONS**

Date: 25.05.2023

Jamia Hamdard, New Delhi invites sealed items rates Tender from reputed contractors registered with Govt. Semi Govt. or State Govt. organization or worked/working in Jamia Hamdard and any reputed organization for the below mentioned work. Tender Documents are attached herewith. Last date of submission of the Tender is 07.06.2023 **up to 3:00 PM**. The bidders are also advised to visit the site to satisfy themselves before submitting the Bids. Bidders not fulfilling the Eligibility Criteria will be rejected. Eligibility Criteria is mentioned at Tender clause 2.

<b>NAME OF WORK</b>	Supply, Installation, Testing & Commissioning of Audio, Video system Works in Scholar House, JAMIA HAMDARD
<b>ESTIMATED COST</b>	Rs. 9.27 Lakhs
<b>EARNEST MONEY</b>	Rs.18,500/- Demand Draft in favour of “Jamia Hamdard” New Delhi
<b>TENDER COST</b>	Rs.500/- Demand Draft in favour of “Jamia Hamdard” New Delhi
<b>TIME PERIOD</b>	30 Days from the 2nd day of the receipt of the work order.
<b>Pre-Bid meeting</b>	On 31.05.2023 at 3:30 PM in the Office the Executive Engineer

The sealed quotations duly filled should be dropped in the Tender Box kept in Purchase Section, Admin Block, on or before 07.06.2023 **up to 3.00 PM** along with demand draft of earnest money & Tender fee in sealed envelope clearly specifying the name of work. The DDs shall be in favor of “Jamia Hamdard” payable at New Delhi. The bids shall be opened on 07.06.2023 at **3.30 PM** by the tender committee in presence of available interested parties. Jamia Hamdard reserves the right to reject any or all tenders without assigning any reason. In this regard, decision of Jamia Hamdard will be the final and binding on all bidders.

Registrar

## 1. SCOPE OF WORK

The successful tenderer shall be in a position to have a competent team of mechanics, tools & equipment and provide after repair services as and when required. The work includes Supply, Installation, Testing & Commissioning of Audio, Video installed in Scholar House, Jamia Hamdard. The agency must ensure warranty for atleast three years or as per OEM warranty period.

## 2. ELIGIBILITY CRITERIA

- 2.1 Bidders must have Registration / empanelled with Govt. Semi Govt. or State Govt. organization or worked/working in Jamia Hamdard or any govt./academic institute for such works. Bidders have to submit the related copies of the documents and other Registration Certificates justifying the eligibility criteria along with his Tender. The original will have to be produced when demanded for verification.
- 2.2 Contractors should have executed similar nature of works of at least one contract of Rs.7.42 Lakh or two contracts of similar nature of works of Rs. 5.56 Lakhs or three contacts of similar natures of works Rs. 3.71 Lakhs in the last 5 years in any institutional Buildings, Universities and produce credentials in support thereof.
- 2.3 Certified documents of having successfully completed similar works during the last 5 years as on 31.03.2023 should also be attached.
- 2.4 The bidder must have their office in New Delhi to provide an early service support.
- 2.5 The Bidders must have GST, PAN, etc.
- 2.6 The Bidder must submit the OEM authorization certificate (MAF)
- 2.7 The Bidder must submit the OEM authorization certificate (MAF)
- 2.7 LED OEM Should have LED module Manufacturing Facility to Consider as OEM
- 2.8 LED Should have BIS to be provided separately for LED wall offered Model.
- 2.9 LED OEM should have UL, CB, CE, EMC, FCC certificate.
- 2.10 LED OEM should have implemented minimum 10 plus Indoor LED video wall
- 2.11 The bidder or the LED OEM Should have ISO 9001, ISO1401, ISO45001, ISO50001 Certificate
- 2.12 LED OEM Should have RoHS Certificate 2.13 LED OEM Should have NSIC Certificate

## 3. SUBMISSION OF BIDS

Sealed quotations should be submitted in sealed envelopes, super-scribing NIQ & Name of work, due date for opening, bidder's name & address. The sealed tender duly filled should be dropped in the tender box kept in the Central Purchase Section. It should not be handed over to any employee of the Jamia Hamdard. No tender shall be accepted later than the time schedule specified above. Any clarifications/amendments/corrigendum etc., to NIQ before last date of submission of bid will only be available on our website: [www.jamiahamdard.edu](http://www.jamiahamdard.edu). Therefore, bidders are advised to keep visiting our website.

**Note:** The bidder shall submit the following:

- a. Covering letter on Company's Letter head
- b. Tender Fee
- c. Earnest Money Deposit.
- d. Copies of GST,PAN, etc.
- e. Entire NIT and documents duly signed & stamped by the bidder./authorized representative.

- f. Bidder not complying the bid & eligibility criteria is liable to be rejected.
- g. BOQ cited on **Annexure 'A'**
- h. Bidders are required to quote his item rates in the above said attached BOQ in accordance with the scope of works, terms & conditions & technical specifications enclosed. The rates/price quoted by contractor should be all inclusive i.e. should include all material cost, labour, services, plant/machinery/tools & tackles, ladders & scaffolding required for work, freight, Insurance, Octroi, Govt. duties & levies, GST, Service Tax, Sales Tax etc.), transport/cartage of materials/labour and all other expenses not specifically mentioned but reasonably implied. It is mandatory for bidders to quote all items' rate as asked in the BOQ/ Price schedule. Failure in not filling some item rates will lead to rejection of tender. The bidders should quote unconditional rates, neatly written without any overwriting and all pages should be duly signed & stamped.

#### 4. Terms and Conditions

- a) Jamia Hamdard is at liberty to make additions/deletions/modifications/amendments in the tender document and the bidders are bound by the same.
- b) The tender proposal, complete in all respects, should be signed by the authorized signatory of the bidder on all the pages of the documents at bottom right side corner as token of acceptance of the terms and conditions of the tender and for the purpose of identification. This is to ascertain that the applicant has quoted against all relevant items.
- c) The Tender fee of Rs.500.00 &EMD's DD of Rs 18,500/- should be in favour of "Jamia Hamdard" payable at New Delhi. Tenders received without tender fee &EMD will be rejected without assigning any reasons. Tender fee &EMD mentioned in the tender document have to be submitted by every bidder without any exception. The EMD of unsuccessful tenderer will be returned after issue of work order to the successful tenderer.
- d) *Bidders are advised to examine and fully satisfy themselves before submitting their bids as to the nature of works to be executed and the other aspects pertaining to and/or impacting the works and shall themselves obtain all necessary information/clarification as to the risks, contingencies and other circumstances which may influence or affect the work/project.*
- e) The tenderer will not be entitled to any claim of compensation, financial or otherwise, for difficulties, if any, faced or losses incurred by them on account of submission of the tender.
- f) The price quoted in price bid should be inclusive of all types of taxes. No extra charges will be paid over and above the contract amount on account of any taxes (existing or future addition) or on any other account.
- g) The agency should give warranty of one year or as per OEM.
- h) The quantum of work may be increased or decreased.
- i) **Payment Terms:** Repairing work charges will be paid after satisfactory completion of the actual works. The payment will generally be made within 60 days from the submission of bills. However, no interest is liable to be paid by Jamia Hamdard in case of delays, if any, in payment. A security amount of 5% will be deducted from the bill as defect and liability period. This amount will be withheld for a period of 6 months. However, full & final payment after deductions of taxes and security will be made after satisfactory completion of work.
- j) Statutory deduction towards income tax and other taxes will be made at the time of making payments and @0.25% will be deducted from each bill towards JHERF.
- k) Rate Revision is not be permitted once work order is issued to successful bidder.

- l) Losses incurred due to mishandling / misplacement / theft or any malpractice by technicians during the repair, the Contractor has to reimburse / make good of the losses suffered by university due to fault of his technicians/staff. In case of non reimbursement / making good by the contractor, the same will be recovered from the bill of the contractor by the University.
- m) The Courts in Delhi alone shall have exclusive jurisdiction in respect of matters arising out of this Agreement & any such litigation.
- n) If any dispute or difference of any kind what so ever shall arise between Jamia Hamdard and the contractor in connection with or arising out of this contract or the execution of work there under shall be referred to an arbitrator to be appointed by mutual consent of the parties hearing. If the party cannot agree on the appointment of the Arbitrator within a period of one month from the notification by one party to the other of existence of such dispute, then the Arbitrator shall be nominated by the Vice Chancellor, Jamia Hamdard. The provisions of the Arbitration and Conciliation Act 1996 will be applicable and the award made there under shall be final and binding upon the parties hereto, subject to legal remedies available under the law. This agreement shall be governed by the Law of Govt. of India for the time being in force. The Jurisdiction shall be Delhi/New Delhi.
- o) All security and safety regulations and guidelines as per the applicable of law are to be followed. All guidelines/directions of the university Security Division must be followed.
- p) The contractor will be liable for any loss, damage of casualty happened to the equipment or person during work. All labor laws amended time to time by Govt. of India will be strictly followed.
- q) Labour laws: The contractor will abide by the rules & regulations related to labour laws, accident, workmen compensation act, workmen insurance etc. This will be sole responsibility of the contractor. Jamia Hamdard will not be a party at any stage in any of the disputes relating to the above. In case, Jamia Hamdard has to bear any expenditure due to nonconformance of the above provisions by the contractor, the same will be recovered from the contractor's bill.
- r) Liquidated damages: In case of the work is delayed beyond the specified completion period for reasons attributable to the contractor and without any genuine reason, deductions on account of Liquidated damages @ 0.5% of the contract value per week will be deducted subject to a maximum of 5% of the contract value.

## **5. Cancellation of Contract in Full or in Part:**

- a. In cases of poor workmanship and non-compliance of tender/agreement or services provided by the contractor are not found to be satisfactory, the contract shall be terminated by university and the security deposit shall be forfeited without assigning any reason what so ever.
  - b. The Competent Authority may, without prejudice to any other right or remedy which shall have accrued or shall accrue thereafter to Jamia Hamdard by written notice cancel the contract as a whole or in part as it may deem appropriate.
6. During work at site, some restrictions may be imposed by Engineer-in-Charge/Security staff of Jamia Hamdard or Local Authorities regarding safety and security etc., the contractor shall be bound to follow all such restrictions/instruction & nothing extra shall be payable on this account.
  7. Any damage to the building or the any part of the equipment which might result during the operation shall be repaired by the contractor.
  8. Any damage resulting to the system on account of the negligence or mal-operation shall be made good by the contractor. Nothing extra will be paid for such work.
  9. No labor hutment shall be allowed in the premises. All laborers should leave the site after day's work. The security & Watch ward of site contractor materials/work etc. shall be at his cost only.
  10. The materials used for carrying out the work shall be as per the specifications of the tender BOQ and the contractor has to carry out the necessary testing of the material as ordered by the Engineer-In-Charge for its conformity and all testing charges shall be borne by the contractor.
  11. The contractor shall be fully responsible for any injury or damage caused to the workmen deployed by him at site for carrying out the work and Jamia Hamdard has nothing to do with such happenings and in no way shall be held responsible for the same.

12. All the guidelines of Covid-19 must be strictly followed during works by all workers.
13. All communication should be addressed to the **Registrar, Jamia Hamdard, Hamdard Nagar, New Delhi – 110062.**

**Signature and seal of Tenderer**

## Price Bid for Audio, Video &amp; PA system Work.

S No	Description	Specification	Qty	Unit	Rate	Amount
1	<b>75” 4k interactive Display</b>	Diagonal Size: 75", Backlight Type: DLED, Aspect Ratio: 16:09, Pixel pitch: 0.4296(H) x 0.4296(L), Response: 5ms to 8ms, Resolution: 3840 x 2160, Contrast Ratio: 6000:1 (Static) / 100k:1 (Dynamic), Brightness(cd/m2): 450cd/m2, Display area: 1650.24mm(H) X 928.26mm(V), Color: 16.7 Million color, View Angle: H:178°/ 178° V:178° / 178°, OS: Android 11.0, CPU: Amlogic T982, Cortex-A55, 1.5GHz, GPU: Mali-G52, RAM: 4GB, Flash Memory:32GB, I/O port rea input: HDMI IN*2, USB2.0*1, USB3.0*1, TOUCH USB*1, RS-232*1, Earphone*1, COAX*1,RS-232*1, 2.4G Wi-Fi*1, 5G WiFi*1, 5G Hotpoint*1, Bluetooth5.0*1, AV input*1,VGA IN*1(optional), PC-AUDIO*1(optional), YPbPr Input*1(option),HDMI Output (option), RF Tuner (option), Front Input: Type-C*1, (Default is the features of USB and Charge; The features of HDMI Input, LAN, USB are Options), USB*3, HDMI*1, Touch USB *1, Media Format: Audio: Mp3, WMA, WAV, APE, FLAC, AAC, OGG, M4A, 3GPP, Video: H.264, VP 8, RV, WMV, AVS, H.263, MPEG4, Touch Features: Touch typ: Infrared touch ,20 points, Glass: 3mm, Morse 8 grade tempered glass, Explosion proof, anti glare, etc., Transmittance: >92%, Response Time: ≤5~8 ms, Touch	1	Nos		

		Precision: ≤1mm, Touch Object: All Opaque object, such as finger, pen etc, Anti light: Incandescent lamp (220V,100W) Distance > 350mm, Sunlight illumination<90000Lux,				
2	OPS	CPU: Core i5 10th Generation, Memorr ( RAM): 8GB, Hard disk: SSD: 256GB, Windows 10 professional I/O port:USB2.0*2, USB3.0*2, MIC*1, LINE OUT*1, RJ45*1, VGA*1, HDMI*1, Tech Features, Language: English, Video Format: PAL, NTSC, Working Mode: 24x7 hrs, Frequency: Horizontal Frequency : 20 ~ 82KHz (Anolog & Digital) Vertical Frequency: 55 ~ 75Hz, Optimum Resolution: 3840 x 2160 @ 30HZ: Support Resolution: 3840 x 2160,	1	NOS		
3	Speaker Tracking	4K/30FPS, PTZ Camera: 8MP sensor 20X HD zoom (12X optical + 1.7X digital) Pan: ±100°, Tilt: +40°, -90° 90° FoV, Panoramic camera8MP sensor 120° FoV Automatic privacy shutter , Auto Framing: Yes, Speaker Tracking: Yes, Presenter Trackingyes, Presets: yes, Lens privacy protection: yes, Audio Features: , Support MSpeaker II: Up to 4, Physical Connections: USB3.0 Type B, USB2.0 Type A: yes, HDMI port: yes, Security lock slot: yes, Reset slot: yes, Audio port: 1x Yealink VCH port, 1x 3.5mm line-in	1	NOS		
4	Table topMicrophone	Built-in 3-microphone array, 360° voice pickup, Optima HD voice, 20ft (6m) voice pickup range, Muting the microphone with touchpad, Background noise suppression, VAD (Voice Activity Detection), CNG (Comfort Noise	2	Nos		



		Generator), AEC (Acoustic Echo Canceling), Up to 4 units can be cascaded, Physical features, 1 × RJ45 for ethernet and power, 1 × RJ45 for cascading, Power over Ethernet (IEEE 802.3af)				
5	<b>Ceiling Speaker</b>	Supply, Installation, testing and commissioning of 5" two-way coaxial thin edge ceiling loudspeaker, 100V transformer power taps: 24,12,6,3 watts, Conical dispersion: 145° or more, impedance: 8, low impedance RMS continuouspower: 30watts, frequency range: 45 Hz - 20 kHz, frequency response: 60Hz - 20KHz etc. complete required as per specifications.	08	No.		
6	<b>Power amplifier</b>	Supply, Installation, testing and commissioning of Quad channel energy rated digital power amplifier, Technology: Class-D, Temperature controlled FAN, switching mode power supply, Protection: DC Short circuit & Over heating & Over load & Signal limiting & Power limiter, Frequency response: 20 Hz - 20 kHz, RMS Power @ 4 Ω Stereo: 4 x 100 Watt or more, RMS power @ 8 Ω Stereo: 4 x 50 Watt or more etc. complete required as per specifications.	01	Nos.		
7	<b>Handheld Microphone</b>	Supply, Installation, testing and commissioning of Microphone: condenser, THD, total harmonic distortion: ≤ 0.9%, Pick-up pattern: omni-directional, Signal-to-noise ratio: ≥ 103 dBA, RF output power: 10 mW, Switching bandwidth: up to 24 MHz, Operating time: approx. 10 hrs, Output voltage: '1/4" (6.3 mm) jack socket (unbalanced): +6 dBu, XLR socket (balanced): +12 dBu, Frequency range: A: 548-572 MHz, GB: 606-630 MHz, B: 614-638 MHz, C: 766-790 MHz,D: 794-806 MHz, E: 821-832 MHz, 863-865 MHz,K: 925-937.5 MHz	01	Nos		
8	<b>Analog Mixer</b>	Supply, Installation, testing and	01	Nos		

		commissioning of 4 channel analog input with phantom power, Small-Format Analogue Mixing Console with USB I/O				
9	<b>USB Player</b>	Input Channel: REC Input 200mV Left & Right, Frequency Response: 20-20,000Hz ±1dB, Signal to Noise Ratio: 60dB, Output: 200mV/600Ω Mono / Stereo, Digital Player:MP3 Recorder Player with USB, SD, MMC Card & Bluetooth	02	No.		
10	<b>Speaker Cable</b>	22 AWG shielded speaker cable	300	MTR		
11	<b>Equipment Rack</b>	9U AV wheelbase rack, front glass door locable with PDU and FAN	1	No		
		<b>Total amount without GST</b>				
		<b>Total GST amount</b>				
		<b>Total amount including GST</b>				

**Signature and seal of Tenderer**

**ANNEXURE-B**

**Specifications of items mentioned in BOQ**

<b>S No</b>	<b>Specification</b>	<b>Make</b>
1	4k Interactive Display with	Samsung / LG/ TrueView
2	OPS	Samsung / LG/ TrueView
3	Microphone	Sennheiser / Audix/ Yealink
4	Speaker tracking PTZ Camera	Vaddio/ Sony/ Yealink
5	Speakers	Audac / Jbl/ Tannoy
6	Amplifier	Audac / Crown/ Power soft
7	Handheld Microphone	Sennhieser/ Audix / Autdiotechnica
8	Analog Mixer	Soundcraft/ Yamaha/ Behringer
9	Media Player	Ahuja/ Grove / philips
10	Audio Cable	Falcon / Belden/ Kramer
11	Equip men Rack	Rtek / Dlink/ Rittal

**(Signature of Proprietor/Partner/Chief Executive)**

**(With Seal)**