

Ref. No.: MDI/Auditorium /2019

Date: March 22, 2019

Sub: Invitation of sealed quotations for Audio Visual, Video Wall, Video conferencing System for Auditorium.

Dear Sir,

Management Development Institute invites sealed quotations for **Audio Visual, Video Wall, Video conferencing System for Auditorium.** from reputed agencies. Terms and conditions are mentioned in the enclosed document.

Quotations should be submitted under 2-Bid system in sealed envelope duly super scribed as **“Quotation for Audio Visual, Video Wall, Video conferencing System for Auditorium “** on or before the due date and time of submission. It should contain three separate sealed envelopes containing the following and super scribed with the caption given below:

- Technical Bid for renovation of Audio Visual system in Auditorium
- Financial Bid for renovation of Audio Visual system in Auditorium
- EMD of Rs. 60,000/- (**Rupees Sixty Thousand Only**) in form of Bank Demand Draft drawn in favor of the Management Development Institute Payable at Gurugram.

Please ensure that

- **Tender document must be signed and stamped on all pages as a token of acceptance of all the terms and conditions.**
- No quotations would be accepted by e-mail and only hard copies will be accepted.

The quotations should be addressed to: -

Senior Systems Analyst
Computer Centre
MANAGEMENT DEVELOPMENT INSTITUTE
Mehrauli Road, Sukhrali
Gurgaon - 122 007, Haryana (INDIA)

Important Dates :

Submission of any query by e-mail, The e-mail id is : ittender@mdi.ac.in.	March 26, 2019
Pre bid meeting	March 27, 2019 at 3.30 p.m.
Addendum will be communicated on or after March 27, 2019 if there are any corrections in the Tender Details after Pre-bid meeting	On or after March 28, 2019
Last Date for Submission of Technical & Financial Bids	On or before April 15 , 2019, 1.00 pm.

Important Instructions

<p>Submit the Technical and Financial Bids in separate Envelope as per details given below:</p> <ul style="list-style-type: none">• Technical Bid for renovation of Audio Visual system in Auditorium.• Financial Bid for renovation of Audio Visual system in Auditorium.• EMD of Rs. 60,000/- (Rupees Sixty Thousand Only)	
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The Complete Tender details and any updates on the Tender will be available on the MDI Website at the link: <https://mdi.ac.in/infrastructure/tenders.html>

Date:

(Signature)
Name of Vendor

Checklist and Index of the Technical Bid Document in the Order indicated Below

S. No.	Document to be Attached	Whether Submitted
1.	EMD of Rs. 60,000/-	Yes <input type="checkbox"/> / No <input type="checkbox"/>
2.	Tender Document signed and stamped on each page	Yes <input type="checkbox"/> / No <input type="checkbox"/>
3.	Filled in and signed Technical Bid on company's letter head	Yes <input type="checkbox"/> / No <input type="checkbox"/>
4.	Profile of the Company	Yes <input type="checkbox"/> / No <input type="checkbox"/>
5.	CA Certificate regarding Company's Turnover for last three years	Yes <input type="checkbox"/> / No <input type="checkbox"/>
6.	Client Details for setting up audio Visual Systems in Auditorium in the given format	Yes <input type="checkbox"/> / No <input type="checkbox"/>
7.	Completion certificate from the clients indicated at Sl. No. 6	Yes <input type="checkbox"/> / No <input type="checkbox"/>
8.	OEM Authorization Certificate for every item	Yes <input type="checkbox"/> / No <input type="checkbox"/>
9.	The Bidder must ISO 9001:2015. Attach copies of valid certificates	Yes <input type="checkbox"/> / No <input type="checkbox"/>
10.	Certificate on company's letter head that vendor is not blacklisted	Yes <input type="checkbox"/> / No <input type="checkbox"/>
11.	Confirmation that Technical specifications are as per Annexure I & II. Attach details if additional facilities offered	Yes <input type="checkbox"/> / No <input type="checkbox"/>
12.	Confirmation that all products carry warranty & support for three year from the date of implementation of Project.	Yes <input type="checkbox"/> / No <input type="checkbox"/>
13.	Affidavit (ON NON-JUDICIAL STAMP PAPER OF RS. 10/-) As per Format Attached .	Yes <input type="checkbox"/> / No <input type="checkbox"/>

Terms & Conditions are as under:

- 1) Technical and Financial bid should be submitted on company letter head and should be submitted duly signed by the authorized person.
- 2) The financial bid shall be valid for at least 120 Days. Institute will not entertain any request in respect of escalation of price due to any reason whatsoever.
- 3) Financial Bids of only those firms will be opened, whose Technical Bids are found compliant/suitable after technical evaluation done by the MDI.
- 4) The vendors are required to make presentation regarding their proposed product and solution as part of Technical evaluation.
- 5) The items will be supplied and installed at MDI Campus, Gurugram, nothing extra shall be paid towards the cartage, packing, forwarding, Octroi etc.
- 6) In case any item is found to be defective /substandard, the same shall be rejected. Institute shall not make any payment for such items and shall be removed from the site immediately.
- 7) MDI reserve the right to accept or reject any or all the quotations without assigning any reason whatsoever.
- 8) Institute reserves the right to terminate the contract by giving one-month notice in writing without assigning any reason whatsoever.
- 9) Sub contract of Project is not allowed.
- 10) Vendor may inspect the site. Kindly contact undersigned.
- 11) In case the Project is not completed in due date then penalty shall be imposed @ Rs. 2,000/- for each day subject to a maximum of Rs. 60,000/- (Rs. Sixty thousand only).
- 12) If contract is awarded and work is not executed by the vendor, then EMD amount will be forfeited.

13) Termination for Default

The institute may, without prejudice to any other remedy, for breach of agreement in whole or part, terminate the contract.

The agreement will be terminated if

- Vendor fails to provide any or all of the services for which it has been recognized within the period(s) specified in the agreement, or within any extension period thereof if granted by the institute pursuant to conditions of the agreement. OR
- In the judgment of the Institute, it is engaged in corrupt or fraudulent practices in competing for or in executing the agreement. OR
- It fails to follow instructions, guidelines, submission of reports, lists, and data.
- It is found to be involved in or associated with any unethical, illegal or unlawful activities. The agreement will be summarily suspended by the Institute without any notice and thereafter the

agreement may be terminated after giving a show cause notice and considering its reply, if any, received within 10 days of the receipt of the show cause notice.

14) PRE BID MEETING/QUERIES/CLARIFICATIONS:

For any other query relating to technical specifications, the bidders may submit in the form of email to ittender@mdi.ac.in before 24 hours of the time fixed for the pre-bid meeting after which no query shall be taken into account. Any corrigendum, if required, will be uploaded on MDI Website after the pre-bid meeting date. No clarification shall be entertained after the Pre-bid Meeting

15) MDI reserves the right to allot/cancel the tenders invited for **Audio Visual , Video Wall, Video conferencing System for Auditorium** as it may consider/deem fit and proper and to reject the tenders/applications without assigning any reasons at any stage.

16) AMENDMENT OF Tender DOCUMENTS

17) At any time before the scheduled submission of bid, MDI may, for any reasons, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Tender Document by issuing addendum. The amendment in the form of Addendum uploaded on the MDI website will be binding on the bidders.

18) MDI may, at its discretion, extend the date for submission and/or opening of the bid. In order to allow prospective bidder, MDI may, at its discretion shall, extend the deadline for the submission of bids for a reasonable time to take the amendment into account in preparing their bid.

19) ACCEPTANCE AND WITHDRAWAL

The final acceptance of the tender would entirely vest with MDI, who reserves the right to accept or reject any tender, without assigning any reason whatsoever. There is no obligation on the part of MDI to communicate in any way with rejected bidders. After acceptance of the tender by MDI, the bidder shall have no right to withdraw his tender or claim higher price.

20) Bids received with incomplete information is liable for rejection.

21) Any Bid received by MDI after the deadline for submission of bids will be summarily rejected.

22) Any dispute/ difference arising out or relating to this Tender: Matters regarding any dispute shall be referred for arbitration to any Officer appointed by the Director of Management Development Institute Gurgaon, whose decision shall be binding and final.

23) PAYMENT TERMS:

24) 75% (seventy-five percent) of the total bill value of items supplied will be paid within 1 month of complete delivery of items at the MDI campus and

25) 20% of within 1 month of satisfactory commissioning of all the items and delivery of warranty documents, Software Licenses and certification of site, Documentation and training.

26) 5% of will be made after one year.

Payment Terms for 3 Year Onsite warranty & Support

1) To be paid in 6 installments half yearly post 6 months period.

EMD would be released at the time of first payment.

Date :

(Signature)

Name of Vendor

Technical Bid & Evaluation Criteria

Sealed Quotation for renovation of Audio Visual system in Auditorium

S. No.	Description	Company Response	Remarks											
1.	Profile of your firm/company	Yes <input type="checkbox"/> / No <input type="checkbox"/>												
	Year of establishment													
	Number of employees													
	Annual Turnover for the last 3 Years. Attach CA Certificate of Last 3 years. Kindly Attach separate sheet on company letter head.	<table border="1"> <thead> <tr> <th>Year</th> <th>1</th> <th>2</th> <th>3</th> </tr> </thead> <tbody> <tr> <td>Turnover</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Year	1	2	3	Turnover							
Year	1	2	3											
Turnover														
1 A	Annual Turnover of each year for last 3 years more than 6.0 Crores.													
2	Names & addresses of prestigious clients of reputed Institute/ University, at least Three along with the telephone numbers of the contact persons of the clients where you have completed renovation of Audio Visual system in Auditorium Please provide photo copies of Purchase Order and completion certificate for renovation of Audio Visual system in Auditorium.	Yes <input type="checkbox"/> / No <input type="checkbox"/> 1. 2. 3.												
3	Name of OEM for items for renovation of Audio Visual system in Auditorium and related Accessories for which Quote is submitted. Whether Authorized partner of OEM . (Attached valid OEM Certificates)	*Attach item-wise OEMs Yes <input type="checkbox"/> / No <input type="checkbox"/>												
4	The Bidder must be ISO 9001:2015. Attach copies of valid certificates	Yes <input type="checkbox"/> / No <input type="checkbox"/>												
5	Contact details of the authorized person of the company. 1. Name : 2. Office Tel No.: 3. Mobile no.: 4. Official E-mail id:	Yes <input type="checkbox"/> / No <input type="checkbox"/>												
6	A declaration, on company's letterhead that the Bidder has not been blacklisted, must be submitted by	Yes <input type="checkbox"/> / No <input type="checkbox"/>												

	Bidder.		
7	EMD of Rs. 60,000/ in the favor of MDI. EMD amount of successful bidder will be released at the time of first payment.	Yes <input type="checkbox"/> / No <input type="checkbox"/>	
8	The Product & Solution quoted meets the technical specifications as given in Annexure-I & II Attach technical data sheet of all the products quoted For any additional feature being provided by you, Kindly attach the additional sheet	Yes <input type="checkbox"/> / No <input type="checkbox"/>	
9	All products should be quoted with at least 3-year warranty support from OEM.	Yes <input type="checkbox"/> / No <input type="checkbox"/>	
10.	Payment Terms : <ul style="list-style-type: none"> • 75% (seventy five percent) of the total bill value of items supplied will be paid within 1 month of complete delivery of items at the MDI campus and • 20% of within 1 month of satisfactory commissioning of all the items and delivery of warranty documents, Software Licenses and certification of site, Documentation and training. • 5% of will be made after one year. Payment Terms for 3 Year Onsite warranty & Support <ul style="list-style-type: none"> • To be paid in 6 installments half yearly post 6 months period. 	Yes <input type="checkbox"/> / No <input type="checkbox"/>	
11.	Technical Presentation of Solution and products offered will be done.	Yes <input type="checkbox"/> / No <input type="checkbox"/>	
12.	Having Similar Setup done at Vendor site/ client site in Delhi NCR, where visit for POC can be arranged if required	Yes <input type="checkbox"/> / No <input type="checkbox"/>	

Details of Clients for renovation of Audio Visual system in Auditorium (Insert Additional Rows to give Additional Client details)

S.No.	Client Name (Institute / University)	Value of the Project	Client Contact No.	Client Email ID	Completion Certificate Attached

					Yes <input type="checkbox"/> / No <input type="checkbox"/>
					Yes <input type="checkbox"/> / No <input type="checkbox"/>
					Yes <input type="checkbox"/> / No <input type="checkbox"/>

Evaluation Procedure and Selection of Bidder

The Tender would be awarded on L1 bid basis.

A. Bid Rejection Criteria: The bid shall conform generally to the specifications and terms and conditions given in this document. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected

- Non submission of signed & stamped tender documents on each and every page
- Submission of unsigned financial bid.
- Not Submitting financial bid in a separate sealed envelope.
- Company Turnover less than Rs 6.0 Crores in any of the last three financial years
- Failure to make a presentation to the committee
- Not having valid ISO & other certifications indicated
- Not submitting OEM Authorization for the products quoted
- Not submitting at least three client details where works of similar nature and value completed.
- Non submission of EMD of Rs. 60,000/-
- Non submission of Details of Clients for renovation of Audio Visual system in Auditorium in the format specified.
- Bidder should have experience of renovation of Audio Visual system in Auditorium in at-least 2 (two) projects. Documentary evidence for above has to be submitted with the Bid, failing which, their offer will be rejected.
- Bid(s) not complying with Delivery, installation & commissioning, warranty, penalty, and AMC clauses will be rejected.
- The bidder should quote for all the items mentioned in the tender, failing which, their offer will be rejected.
- The bidder should have an office in Delhi NCR manned with their own qualified support staff/Engineer with their Customer Care Number
- Reputed and experienced Indian companies who have adequate and sound knowledge of Setting up of Audio Visual system in Auditorium & have completed similar projects in Govt. /Institutes during the last five (05) years.
- The bidding firm should have the experience of the three similar works in the Institute of Repute like IIT/IIM etc.

- The bidder should have a minimum average annual turnover of at least Rs.6 crores during the last three financial years 2015-16, 2016-17, 2017-18. The turn over shall be supported by documentary evidences duly certified by Chartered Accountant which shall be attached with the tender documents.
- The bidding firm should not have incurred any losses in more than one years during the last three years ending 31st March, 2018 and should have a positive net worth during the last three financial years. Certified copies of profit and loss statement and relevant audited balance sheets of last three financial years should be submitted with the tender documents.
- The bidder should have an office in Delhi NCR manned with their own qualified support staff/Engineer with their Customer Care Number.

B. Procedure for Evaluation of Responsive Technical Bids and awarding Technical Score:

1. Bidders will be technically qualified based on Information/documents provided, POC visit arranged and Technical presentation done by the Bidder.
2. Only those Technical Bids that are found compliant/suitable after technical evaluation done by MDI will be called for Technical presentation.

3. Parameters for Technical Evaluation:

S.No.	Description	Details	Details	Details
1.	No. Smart Classroom Projects Executed (including all equipment as per specifications in Annexure I & II) supplied & Installed in any Institute/ University Total Score: 40	1-3 Projects 10 Points	4-6 Projects 20 Points	>6 Projects 40 Points
	Vendor Response	Yes <input type="checkbox"/> / No <input type="checkbox"/>	Yes <input type="checkbox"/> / No <input type="checkbox"/>	Yes <input type="checkbox"/> / No <input type="checkbox"/>
2	POC arranged to Similar Smart Class Setup done at own site/ client site in Delhi NCR Total: 20			
3.	Presentation Total Score: 40			
	Total Technical Score : 100			
Points in S.No. 1 would be given only on the basis of documents submitted as part of technical bids. The Purchase Order and Completion certificate must be attached to score Points in these categories.				

4. Minimum Technical Score required for opening of Financial Bid: **60 Points**.
5. MDI decision will be final for the evaluation of Technical Bids.

C. The Financial Bids of only the technically qualified Bidders scoring 60 points and above would be opened.

D. Procedure for Selecting the bidder

The work shall be awarded to the L1 bidder from among the technically qualified bids.

(ON NON-JUDICIAL STAMP PAPER OF RS. 10/-) AFFIDAVIT

I/we _____ Partner(s)/legal Attorney/ Proprietor(s)/ Accredited Representative(s) of M/s _____ solemnly declare that:

2. I/we are submitting tender for ----- against Tender Notice No. _____ dated _____.

3. All information furnished by me/us in respect of fulfillment of eligibility criteria and information given in this tender is complete, correct and true. All documents/credentials submitted along with this tender are genuine, true and valid.

4. My/our bid shall remain valid for a period of 120 days from the last date fixed for the bid submission in accordance with the Bidding Documents and shall be binding upon us and maybe accepted at any time before the expiry of the period.

5. The Price-Bid submitted by me/us is "WITHOUT ANY CONDITION".

6. If any information or document submitted is found to be false/incorrect, MDI may cancel my/our Tender and can take any action as deemed fit including termination of the contract, forfeiture of all dues including Earnest Money (EMD) and blacklisting of my/our firm and all partners of the firm etc.

7. I/we also declare that the Government of India or any other Government body has not issued any show-cause notice or declared us ineligible or blacklisted us on charges of engaging in corrupt, fraudulent, collusive or coercive practices or any failure/lapses of serious nature.

8. I/We understand that MDI decision will be final for the evaluation of Technical Bids.

9. I/We have gone through all terms & conditions of the tender documents before submitting the same and accept the same along with the technical specification and all other conditions mentioned in the documents; including the condition that MDI is not bound to accept the lowest bid.

(Signature of the Tenderer with Seal)

Seal of Notary

Date:

Technical Specifications for renovation of Audio Visual system in Auditorium

***Attach technical data sheet of all the products quoted**

Quote must conform to the scope of work as prescribed in Annexure-II.

S.No.	Detailed Specification * Attach Product Sheet with Detailed Specifications	Brand/ Make Quoted	Delivery Time	Compliance *Attach separate Sheets indicating deviations, if any
1.	<p>2X2 Video Wall – 4 Nos of 55”</p> <p>SITC of 55” 2x2 video wall along with Hardware & software Solution Bezel to Bezel width Less than 2mm Panel S-IPS / D-LED Brightness 500 nits or better Aspect Ratio 16:09 Resolution 1920*1080 (Full HD) Viewing Angle(H/V) 178/178 Video Input 1 nos. HDMI, 1 No. DVI-D, 1 No. Display Port HDCP H 2.2 Ethernet ports Minimum 1 No External control RS232/RJ45 Power supply AC 100 - 240 V~ (+/- 10 %), 50/60 Hz Mount type Push pull type, Corner correction, VESA compatibility. Mount type to be supplied along with the panel Operating Humidity 20% to 80% Operating Temperature 0 - 40°C / 32 - 104°F Features 24x7 Operation, Energy star certified, Auto Source Switching & Recovery</p> <p>Make : (Philips/LG/Samsung/Barco)</p>			Yes <input type="checkbox"/> / No <input type="checkbox"/>
2.	<p>Digital Podium – 1 No.</p> <p>SITC of Digital Podium With Dual Display Technology , Built-in 22” Interactive Panel with motorized tilting, Built-in 280 Watts Amplifier, 7" Touch Controller Panel , Wireless Microphone 1 No. Collar & 1No. Handheld, Built-in Gooseneck 1 No. Microphone, RFID security system,3 HDMI In and 3 HDMI out . Provision for VGA Connector and connectors for Apple Laptop.</p> <p>Make : (AHA/UNI/Comm)</p>			Yes <input type="checkbox"/> / No <input type="checkbox"/>
3.	<p>HD Video Conferencing System – 1 No.</p> <p>SITC of High Definition Video Conferencing System with capability of Cloud based service. System must have codec supporting Full HD at 60 fps. Capable of doing H.264, H.323 calls and SIP calls. Multi party licenses of minimum 1+5 users with bundled Full HD</p>			Yes <input type="checkbox"/> / No <input type="checkbox"/>

	<p>Camera of min. configuration having wide angle zoom lens with 10X Optical Zoom, Auto focus and minimum 10 presets, 1 nos. of codec, 1nos. of microphone , 5-Site connection .The system should be capable of supporting 2 or more displays, configurable with other 2 Nos. of 3rd party tracking camera full HD 1080p, 20X optical zoom for purpose of live streaming and recording both.</p> <p>Make : (Polycom /Cisco/LifeSize/Panasonic)</p>			
4.	<p>FHD-1080p Recording & Streaming Hardware – 1 No.</p> <p>SITC of Live streaming Media Processor Process two high resolution AV sources from up to four available input signals Record and stream simultaneously High quality scaling with window management Produce MP4 media or M4A audio files that are compatible with virtually any media player. Save recorded data to reliable, internal storage, before transferring it to external destinations. Built-in HDD 1TB, Save recordings to internal solid state drive.</p> <p>Make : (Lumens/ Mediapointe/ Mediasite)</p>			Yes <input type="checkbox"/> / No <input type="checkbox"/>
5.	<p>Full HD 1080p PTZ Camera- 2 Nos.</p> <p>2 Way passive loud speakers; elements; 6.5” woofer + 1” TWT suitable for low impedance and constant voltage line, wall mount bracket with fast mounting system enabling pan and tilt; Dispersion (HXV):120° X 90°; , Power Handling 60 W RMS(8 Ohm) (with overload protection)/ 200 w Peak. Sensitivity 92 dB (1W/1m). Max SPL: 109 dB(1m); Frequency Response: 80 Hz – 20 Hz.</p> <p>With Standard Ceiling mount kit for Camera</p> <p>Make : (Lumens/ Panasonic/AXIS/Bosh)</p>			Yes <input type="checkbox"/> / No <input type="checkbox"/>
6.	<p>8x4 Scaling Presentation HDMI Matrix Switcher – 1 No.</p> <p>SITC of All-in-one 8x4 4K matrix switcher and scaler , audio DSP with AEC, audio power amplifier, and control processor. Two DTP inputs and six HDMI inputs. Two independently scaled DTP outputs.4K matrix switching and scaling with selectable seamless transitions and logo keying.</p>			Yes <input type="checkbox"/> / No <input type="checkbox"/>

	<p>Integrated DTP inputs and outputs support transmission of video, control, and audio up to 330 feet (100 meters) over a shielded CATx cable</p> <p>Make : (Extron/Evoko/Crestron)</p>			
7.	<p>7" Wall Mount Touchlink Pro Touch panel – 1 No.</p> <p>SITC of Wall mount touch link scheduling panel 7" capacitive edge-to-edge, Gorilla Glass® screen is tough, scratch, and smudge-resistant, digital input allows connection to an occupancy sensor. TLS panels can be configured using a service account with exchange or office 365, simplifying administrative tasks. supports 26 languages, make meeting rooms available as soon as a scheduled meeting ends screen type TFT active matrix colour LCD size 7" (17.8 cm), measured diagonally resolution 1024x600 (WSVGA) pixel density 170 PPI aspect ratio 17:10 colour depth 24 bit, 16.7 million colours transparency 8-bit brightness 420 nits (cd/m2) contrast 700:1 backlight LED viewing angle ±75° horizontal, +70°/-75° vertical touch screen capacitive</p> <p>Make : (Extron/Evoko/Crestron)</p>			Yes <input type="checkbox"/> / No <input type="checkbox"/>
8.	<p>Wall mount kit for Touch Panel – 1 No.</p> <p>SITC of Recessed wall mount kit for 7-inch scheduling panels that allows them to be installed securely within a wall. Provides an elegant, aesthetically pleasing installation Four locking arms provide secure installation in walls with thicknesses from 1/2 inch to 1 inch, Touch panel can be removed for maintenance. Enclosure dimensions 4.72" H x 6.77" W x 3.59" D (120 mm H x 172 mm W x 66 mm D) Surface cut out dimensions 4.29" H x 6.14" W (109 mm H x 156 mm W) With Power Supply</p> <p>Make : (Extron/Evoko/Crestron)</p>			Yes <input type="checkbox"/> / No <input type="checkbox"/>
9.	<p>HDMI Tx – 3 Nos.</p> <p>SITC of Twisted pair transmitter for HDMI, Display Port, control, and analog audio up to 70meters over a shielded CATx cable</p> <p>Make : (Extron / Crestron/Kramer)</p>			Yes <input type="checkbox"/> / No <input type="checkbox"/>

<p>10.</p>	<p>HDMI Rx – 3 Nos.</p> <p>SITC of Twisted pair Receiver for HDMI plus control and analog audio up to 70 meters over a shielded CATx cable</p> <p>Make : (Extron / Crestron/Kramer)</p>			<p>Yes <input type="checkbox"/> / No <input type="checkbox"/></p>
<p>11</p>	<p>Microphone Controller – 1 No.</p> <p>SITC of Microphone Control Unit- with LCD Display which can show the system testing status, It should have a built in DSP chip which can adjust the audio output and sensitivity automatically. The control unit can control up to 9 MAIN units & 999 secondary units. RS-232 interface is supported , Built-in video control management Interface three (3) Phased images auto-tracing functionality Button/Voice/Pre-set. Built-in sound-emission circuit to prevent echo and noise. Built in USB connector to operate with PC for playing music or recording audio. Can login via website and also can use iPhone/iPad APP to control . Simultaneous interpretation for 32 languages , microphone connection CAT5e cable RJ-45 port.</p> <p>Make : (BxB/Beyerdynamic/Shure)</p>			<p>Yes <input type="checkbox"/> / No <input type="checkbox"/></p>
<p>12</p>	<p>Table Top Main Unit – 1 No.</p> <p>SITC of Table top main unit It should have in built DSP chip and AGC to adjustment sensitivity for each microphone automatically. Push to talk and priority speak button to override other secondary units, pluggable gooseneck microphone with light ring for easy identification of the speaker. Microphone button with 3 colors LED illuminated bar. Microphone should get auto off when not in use and also get auto activated when someone starts to speak. Mic length 43 cm. Unit cabling CAT5e.</p> <p>Make : (BxB/Beyerdynamic/Shure)</p>			<p>Yes <input type="checkbox"/> / No <input type="checkbox"/></p>
<p>13</p>	<p>Table Top Secondary Unit – 3 Nos.</p> <p>SITC of Table top secondary unit It should have a in built DSP chip and AGC to adjustment sensitivity for each microphone automatically . Push to talk button to activate/deactivate microphone , pluggable gooseneck microphone with light ring for easy identification of the speaker.</p>			<p>Yes <input type="checkbox"/> / No <input type="checkbox"/></p>

	Microphone should get auto off when not in use and also get auto activated when someone starts to speak. Mic length 43 cm. Unit cabling CAT5e. Make : (BXB/Beyerdynamic/Shure)			
14	Cat 6 Cables for Microphone system – 6 Nos. Cat 6 cables 2 x 20 meters, 5 x 1.8 / 2 meter As per Actual Make : AMP/R&M/Systimax			Yes <input type="checkbox"/> / No <input type="checkbox"/>
15	Wall Mount Speaker – 6 Nos. SITC of Type: Two-way passive loudspeaker. Elements: 6.1/2" woofer + 1" compression driver. Power handling (low impedance): 160 W (8 ohm). Sensitivity: 86 dB (1 W @ 1 m). Max SPL: 105 dB. Frequency response: 68 Hz - 18 kHz. Dispersion (HxV): 90° x 60°.Material (housing): Plywood. Material (grille)Metal. Make : (Tannoy/Work Pro/Renkus-Heinz)			Yes <input type="checkbox"/> / No <input type="checkbox"/>
16	Amplifier – 1 No. SITC of Power amplifiers with switching mode 8 ohm stereo output power: 310 W x 2. 8 ohm bridge output power: 1000 W. Frequency response: 20 Hz - 20 kHz. THD+N: 100 dB. Damping factor: >200. Dynamic range: >80 dB. Voltage gain: 26 dB/32 dB. Make : (Powersoft/Work Pro/Labgruppen)			Yes <input type="checkbox"/> / No <input type="checkbox"/>
17	10 meter USB Cable – 1 No. 10 Meter USB cable with Booster Make : (xtron/Aten/Kramer)			Yes <input type="checkbox"/> / No <input type="checkbox"/>
18	86" LED TV Display for the rear with its installation & Connection with the camera, VC, Presentation etc (LG/Samsung/Panasonic)			Yes <input type="checkbox"/> / No <input type="checkbox"/>
19	SITC of approved makes of cables (Mike Cable, Speaker Cable, Power Cable, Control Cable , Connector, HDMI Patch Cords, conduits, batons/ any other material incidental to installation) etc.			Yes <input type="checkbox"/> / No <input type="checkbox"/>
20	3 Years Warranty and onsite support for all the above items			Yes <input type="checkbox"/> / No <input type="checkbox"/>

Scope of Work

MDI Gurgaon intends to set up state of the audio-visual system in the Institute Auditorium on a turn-key / SITC (Supply, Installation, Testing and Commissioning) basis. It is proposed to install Digital Podium, Video Wall, Video Conferencing system and upgrading the existing Audio System including replacement of cables/ connectors etc.

Specific Scope of Work on SITC Basis would include the following:

1	Video Wall (55" X 4) on the dais
2	Interactive Podium with rack space to accommodate the devices & cabling
3	Audio System including speakers, mixer, amplifier, Control System, Handheld Mic & Lapel Mic, related connectors, cables etc
4	Video Conferencing System with 3 Camera and Video Display at the Rear
5	Installation, Testing, Commissioning and User Training
6	3 Year Warranty for all items
7	Onsite Support for Three Years.
	The period of onsite comprehensive support of Three year will Commence from the date of successful commissioning & functioning of the Smart Classroom.

The vendors may visit the Auditorium at MDI campus on any working Day between 10:00 AM to 5:00 PM with prior appointment. Contact details for appointment for visit:

Sr. System Analyst
Computer Centre
Lakshya Building
Management Development Institute
Gurgaon
Phone : 0124-4560327

Financial Bid

Sealed Quotation for renovation of Audio Visual system in Auditorium

Sr. No.	Description of Item & Specification as per Annexure I	Qty. in Units	Unit Price in Rs.	GST (%)	Total Price excluding GST in Rs.	Total Price including GST in Rs.
1.	2X2 Video Wall (55" each)	4				
2.	Digital Podium	1				
3.	HD Video Conferencing System	1				
4.	FHD-1080p Recording & Streaming Hardware	1				
5.	Full HD 1080p PTZ Camera. With Standard Ceiling mount kit for Camera	2				
6.	8x4 Scaling Presentation HDMI Matrix Switcher	1				
7.	7" Wall Mount Touchlink Pro Touch panel	1				
8.	Wall mount kit for Touch Panel	1				
9.	HDMI Tx	3				
10.	HDMI Rx	3				
11.	Microphone Controller	1				
12.	Table Top Main Unit	1				
13.	Table Top Secondary Unit	3				
14.	Cat 6 Cables for Microphone system As per Actual	6				
15.	Wall Mount Speaker	6				
16.	Amplifier	1				
17.	10 meter USB Cable	1				
18.	Cables, Connectors and Accessories	---				
19.	86" LED TV for rear	1				
20.	Installation, Testing, Commissioning, Training					
21.	3 Years Warranty and onsite support for all the above items	---				

- Delivery Mode: Delivery at MDI Gurgaon, at site only
- Total bid price should be inclusive of all taxes and levies, transport, loading, unloading etc.
- Warranty and Support: 3 Year Onsite.
- Delivery Period:days/weeks.
- Installation Period:.....days/weeks.
- Quotation Validity Date: - 4 months from the last date of Submission of quotation/tender.

Sign of bidder:- _____
Name of bidder:- _____
Firm's Name: _____

Date: