

## **INDIAN INSTITUTE OF MANAGEMENT AMRITSAR**

**IIM Amritsar PIT Building, Inside Govt. Polytechnic Campus; Polytechnic Road;  
Chheharta, G.T. Road Amritsar – 143105  
Phone No- 0183- 2253548**

### **TENDER FOR**

**Supply, Installation, Testing, Commissioning and Integration of Audio-Visual Equipment's  
for Classroom in IIM Amritsar**

### **COMMERCIAL/PRICE BID**

**Issued to:** -----  
-----  
-----

<b>Tender Reference No.</b>	<b>IIMASR/NIT/63/2019</b>
<b>Date of Issue of NIT</b>	<b>21-05-2019</b>
<b>Date of Issue of Commercial/Price Bid</b>	<b>21-05-2019</b>
<b>Date of Pre-bid Meeting</b>	<b>04-06-2019 at 3:00 PM</b>
<b>Due date of receipt of Bid</b>	<b>10-06-2019 till 3:00 PM</b>
<b>Opening of Technical Bid</b>	<b>10-06-2019 till 4:00 PM</b>
<b>Opening of Commercial /Price Bid</b>	<b>Will be intimated Later</b>

PREAMBLE / INTRODUCTION

Indian Institute of Management, Amritsar is one of the six IIMs set up by the Ministry of Human Resources Development, Government of India in the union Budget of 2014. As per the directive of the Union Ministry of Human Resources Development, Indian Institute of Management, Amritsar is the mentor institute of IIM, Amritsar.

**1. Submission of Bids: (Two Bids Technical-I & Financial-II)**

- i) **The Tenderers/Bidders should visit the site and design the AV solution based on the scope of work given in the tender document.**
- ii) **Items and their respective specifications mentioned in the BoO are tentative/indicative and if any additional item is required to meet the auditorium requirements, please include the same in your proposed BoO. It is advised that bidder should visit site before submitting the tender to understand the actual site conditions**
- iii) Equipment supplied shall be completed in every respect with all mountings, power supply, fittings, fixtures and standard accessories normally provided with such equipment and/or needed for erection, completion and safe operation of the equipment.
- iv) The Prices quoted shall be with an onsite warranty for a period of three years.
- v) The Technical Bid shall be accompanied with the required EMD of an amount Rs **100000 (Rs. One Lac)**, Tender Fee of an amount of **Rs 1120/-** Including GST, OEM Authorization Letters and OEM Warranty Letters
- vi) The Price Bid, along with all necessary documents as stipulated, is to be submitted in a sealed envelope super-scribed **“Price Bid for Supply, Installation, Testing, Commissioning and Integration of Audio-Visual Equipment for classroom in IIM Amritsar”**
- vii) The Bids should be either deposited in the “Tender Box” kept in the Reception counter of the Administrative Block of the Institute or sent by Registered Post to the following address:

**THE NODAL OFFICER,  
INDIAN INSTITUTE OF MANAGEMENT AMRITSAR  
PIT BUILDING, INSIDE GOVT. POLYTECHNIC CAMPUS;  
POLYTECHNIC ROAD; CHHEHARTA, G.T. ROAD AMRITSAR – 143105  
PHONE NO- 0183- 2253548**

IIM Amritsar is not liable for non-receipt of the Tender in time due to change in address on the envelope.

**2. Outline of Scope:**

- a. Supply, installation, configuration, testing, commissioning and integration of Audio-Visual Equipment along with comprehensive on-site warranty for a period of 3(three) years from the date of commissioning & integration.
- b. Implementation of control facility for audio visual which includes supply, installation and configuration of required control equipment and other hardware components with required cabling. Installed devices such as projector, projection screen, display panels and Distribution amplifier should be able to control from controller which is mounted on the podium. By using two HDMI port in the podium user should be able to project video through projector and display panel, and play audio through the speakers inside the class room. By using audio port in the podium user should be able to play audio through the speakers inside the class room. Items mentioned in the BoQ are tentative and if any additional item is required to meet this requirements, please include the same in your proposed BoQ
- c. The project has to be completed by the single vendor, who will be completely responsible for the execution of the project as a single point solution provider and will be the sole prime contractor for the entire project.

**3. Tentative BOQ for class room and approved Brands:**

**The equipment quoted should be from the following make / brand or approved equivalent:**

SL No	Item	Description	Approved Make	Qty Nos
1	Interactive Display	SITC of 84 Inch or above 10 Touch Interactive Display with Wireless Sharing facility, Aspect Ratio of 16:9, 178 Degree Viewing Angle, Resolution of 3840 x 2160 and response time of 8 ms or below, inbuilt speaker, whiteboard pen, with at least 4mm of Toughened Anti-glare Glass complete with installation as per the site requirement.	Cloud walker / Sharp / Panasonic/ Christie	1
2	Speaker	S.I.T.C. of two Way Indoor, surface mounted speaker, 60 W (rms) continuous pink noise, Nominal sensitivity - 87 dB SPL, 1 W, 1 m, full space, Impedance of 8 ohm, coverage angles of 115 Degree (H) and 55 Degree (V) with built in 6.5" woofer and Tweeter of 1 inch complete with installation as per the site requirement.	Bose/ Extron / JBL	4
3	Amplifier	SITC of Rack Mountable Amplifier	Crown/ BOSE/ Extron	1

		System with two channels of 2 x 60 watts @ 8 ohms, 2 x 100 watts @ 4 ohms, 100 dB signal-to-noise ratio with 0.1% THD+N, Input Impedance of +4 dBu, Fan less, Damping factor - >100 @ 8 ohms, S/N - 105 dB complete with installation as per the site requirement.		
4	Digital Signal Processor	S.I.T.C. of Digital Signal Processor with 6 mono, mic/line, balanced/unbalanced input and 4 mono, balanced/unbalanced, with Input Impedance of >10k ohms and output Impedance of 50 ohms unbalanced, 100 ohms balanced, Noise level - <-120 dBV, Volume range - -18 dB to +80 dB, mic/line input, adjustable per input and Mic phantom power of +48 VDC complete with installation as per the site requirement.	Extron / BIAMP/ Crestron	1
5	Wireless handheld microphone	Wireless handheld microphone with True diversity receiver (UHF) Display on Transmitter and Receiver , RF Power output 10mW or Better , Polar Pattern :- Cardioid , Carrier frequency range 500Mhz to 865Mhz , Frequency response 20Hz to 20Khz , Mute Button on Transmitter , Battery Operation time Minimum 8hr , Should have Charging Contact in Transmitter , Receiver dynamic range 100 dB (A-weighted) Or better , switching bandwidth Minimum 24Mhz Or better etc complete with installation as per the site requirement.	Beyerdynamic / Clearone / Sennheiser	1
6	Gooseneck microphone	Gooseneck microphone illuminated ring for Digital wired conference system with following features: Transducer type- Condenser (electret), Operating principle- Pressure gradient, Microphone connection-5-pin XLR (male) Gooseneck diameter- 6 mm approx. Total length- 470 mm approx. complete with installation as per the site requirement.	Beyerdynamic / Clearone / Sennheiser	1

7	wireless lapel microphone	UHF wireless lapel microphone, 12 Channel Present or better, Display on Transmitter and Receiver, RF Power output 50mW or Better, Polar Pattern :- Omnidirectional, Carrier frequency range 500Mhz to 865Mhz, Frequency response 20Hz to 20Khz, Mute Button on Transmitter, Battery Operation time Minimum 8hr, Should have Charging Contact in Transmitter. Receiver dynamic range 80 dB (A-weighted) Or better, switching bandwidth Minimum 30MHz Mhz Or better complete with installation as per the site requirement.	Beyerdynamic / Clearone / Sennheiser	1
8	Wireless head worn microphone	Wireless head worn microphone with True diversity receiver (UHF) Display on Transmitter and Receiver, RF Power output 10mW or Better, Polar Pattern :- Super Cardioid, Carrier frequency range 500Mhz to 865Mhz, Frequency response 20Hz to 20Khz, Mute Button on Transmitter, Battery Operation time Minimum 8hr, Should have Charging Contact in Transmitter, Receiver dynamic range 100 dB (A-weighted) Or better, switching bandwidth Minimum 24Mhz Or better etc complete as per site requirement.	Beyerdynamic / Clearone / Sennheiser	1
9	Digital Podium	SITC of Metallic Podium with 22"inch Display with tilt screen facility, Full HD resolution, Passive plate with 2 USB ports, Power point, VGA x 1, 4 HDMI input port and 2 HDMIout port, Self-Lockable wheels, Front logo sheet, Gooseneck Mic Desktop Computer (Including, i5 Processor, 1TB HDD, 8 GB RAM, DVD Writer, HDMI, VGA, Genuine software (windows 10 Professional, and MS office 2019 Professional Plus with licensed), HDMI supportable, Wireless Keyboard & Mouse complete with installation as per the site requirement.	Globus/ Smart media/ EIS  Make for Desktop System HP/ Dell / ACER/ Lenovo	1

10	HDMI Switcher	SITC of 4 Input (VGA/HDMI) and HDMI Output Switcher with Impedance of 75 ohms, Frequency response - 20 Hz to 20 kHz, $\pm 0.5$ dB, THD + Noise - $< 0.1\%$ , S/N - $> 90$ dB, Crosstalk - $\leq -80$ dB complete with installation as per the site requirement.	Extron/ Crestron/ Light ware /Kramer	1
11	Audio De-embedder	HDMI Audio De-Embedder with HDMI input, HDMI Output with 1 embedded digital audio from HDMI with S/N - $> 90$ dB, Input cable length of 15.0 m for 4K Resolution, 30.0 m for 1080p and 45.0 m for 720P Resolution complete with installation as per the site requirement.	Extron/ Crestron/ Light ware /Kramer	1
12	Cables and Accessories	HDMI, VGA Cable for Various length for the project complete with installation as per the site requirement.	Purelink/ Extron/ Linetek/ Kramer	APA
13	Services	Installation Testing & Commissioning complete as per the site requirement.	SI	APA

- **Items mentioned in the BoQ are tentative and if any additional item is required to meet the class room requirements, please include the same in your proposed BoQ.**

#### 4. Tender Fee:

The tenderer shall be required to submit non-refundable tender fee for an amount of **Rs.1120 /- (Rupees Eleven Hundreds Twenty only) including GST** by way of demand draft only. The demand draft shall be drawn in favour of “Indian Institute of Management Amritsar, payable at Amritsar”. The demand drafts for tender fee must be enclosed in the envelope containing the technical bid.

#### 5. Earnest Money Deposit (EMD) and Security Deposit:

- Along with the Technical Bid, Tenderers/ Bidders shall furnish EMD for an amount of **Rs. 100000 (Rs. One Lac)** in the form of Demand Draft of Schedule Bank issued in favour of Indian Institute of Management Amritsar payable at Amritsar. Technical Bid received without EMD shall be rejected. The EMD will be refunded to the unsuccessful Tenderers/ Bidders within one month of the acceptance of the bid
- Within ten days of the award of Contract, the Vendor (i.e. successful Tenderer/ Bidder) shall furnish a Bank Guarantee for a sum equivalent to 5% of the order value as Security Deposit (Performance Guarantee) valid for the Delivery/ Completion period plus two months. EMD already deposited along with tender shall be returned on furnishing the Security Deposit (Performance Guarantee). The Security Deposit/EMD shall not bear any interest.

**6. Authorized signatory:**

If the Bid is made by or on behalf of a company incorporated under the Companies Act of 1956, it shall be signed by the Managing Director or one of the Directors duly authorized on that behalf.

**7. Site visit:**

Every Tenderer/ Bidder is expected to inspect the site, where the audio-visual equipment are to be provided, at his own cost before quoting the rates. He must also go through all the terms and conditions as stipulated in the documents. It will be construed that the Vendor has inspected the site and satisfied himself about the Institute's Audio-visual requirements, site conditions, availability of materials and other relevant matters and the quoted rates shall hold good in all conditions.

**8. Original Equipment Manufacturer (OEM) Authorization:**

Tenderers/Bidders are required to furnish along with the Technical Bid, the OEM's Authorization letter authorizing Tenderer/Bidder for participating in the tender.

**9. OEM Warranty:**

Tenderers/Bidders are required to furnish along with the Technical Bid, the OEM's Warranty Letter, as per the format attached, in support of the OEM's warranty for the equipment quoted.

**10. List of documents to be submitted with Technical Bid:**

Sl No	Documents Attached	Flags (Fix flag in the respective document)	Page Number
1	<b>FORM 1</b> and EMD of 1,00,000/-, Cost of Tender Form : 1120/-	Flag A	
2	<b>FORM 2</b> - Company profile as per the Format attached.	Flag B	
3	<b>FORM 3</b> - Self-Declaration letter	Flag C	
4	<b>FORM 4</b> - Last three year financial statement ( <i>Balance Sheet approved by the CA and the IT Returns, profit loss account</i> ) )	Flag D	
5	<b>FORM 5</b> -Work Order Details	Flag E	
6	<b>FORM 6</b> - OEM Authorization Letter	Flag F	
7	<b>FORM 7</b> - OEM warranty letter	Flag G	
8	<b>FORM 8</b> - Details of Items / equipment to be quoted (Technical compliance sheet with brand and model).	Flag H	
9	<b>FORM 9</b> Certificate for Tender Document	Flag I	
10	Detailed AV & Control Schematics showing detailed back panel AV routing	Flag J	
11	Detailed specification sheet of each item quoted.	Flag K	
12	Other documents (Authorised signatory letter etc.)	Flag L	

**11. Acceptance period:**

The Tender/ Bid shall remain valid for acceptance for a period of 90 days from the date of opening of the Price Bid.

Rates quoted by the Vender shall be all inclusive, i.e. including cost of transportation etc. of the equipment to the Institute. GST will be paid extra as applicable. No claim after submitting the Price Bid shall be entertained. Any other charges over the quoted rates shall be clearly indicated.

No additions/ alternations in tender forms shall be made by the Tenderer/ Bidder and if any such alteration is made, the tender is liable to be rejected.

**12. Training requirements:**

The Vendor shall impart operation & maintenance Training, consisting of on-site group and individual training, to all the staff members of IIM Amritsar who are associated with the audio-visual systems and facilities.

**13. Award Criteria:**

Contract may be awarded to the Tenderer/ Bidder whose technical proposal is responsive, cost-effective and meeting all the requirements of IIM Amritsar and whose price bid has been determined to be lowest. After opening of the price bids of the short-listed Bidders, if there is a discrepancy between words and figures, the amount indicated in words will prevail. However, the Institute reserves the right to accept or reject any offer without assigning any particular reason whatsoever and no communication will be entertained in this regard. IIM Amritsar also reserves the right to accept or reject any or all tenders either in whole or in part or to invite revised price bids or to annul the bidding process at any time prior to finalization without incurring any liability to the affected Tenderer / Bidder. The Director, IIM Amritsar does not bind himself to accept the lowest or any tender and reserves to himself the right of accepting the whole or any part of the tender and the Tenderer/Bidder shall be bound to perform the same at the rates quoted.

**14. Delivery Schedule and Penalty for Delay:**

The delivery/completion period shall be within 50 (Fifty) days from the date of issue of Order/Letter of Intent. Delivery schedule shall clearly be indicated in the tender submitted by the supplier. Penalty at the rate of 0.5% or part thereof of the order value per week, subject to a maximum of 2.5% will be imposed for delayed delivery and installation.

**15. Warranty:**

The Audio-Visual installations (including equipment commissioned and integrated by the Vendor) shall carry **three-year comprehensive on-site warranty**. Deviation in warranty terms, if any, shall clearly be mentioned in the offer. During the warranty period, the vendor shall be fully responsible for the manufacturer's warranty in respect of proper design, quality and workmanship of the Audio-Visual Equipment commissioned and integrated at the project. During the warranty period, the Vendor shall be responsible for attending to all the reported problems of Audio-Visual Equipment at no extra cost. *Tenderers/Bidders are required to furnish along with the Price Bid, the OEM's Warranty Letter, as per the format attached, in support of the OEM's warranty for the equipment quoted.*



**16. Payments:**

Normal payment terms acceptable to the Institute shall be 95% payment within 30 days of satisfactory installation, testing, commissioning & integration of the equipment and the rest 5% after expiry of warranty period.

**17.** Bidder should submit GST registration certificate with the technical bid.

**Contact Details:**

Contact details of the person for all post sales/installation maintenance support:

**Name & Designation:** \_\_\_\_\_

**Phone No:** \_\_\_\_\_

**Fax No:** \_\_\_\_\_

**Mobile:** \_\_\_\_\_

**E-mail:** \_\_\_\_\_

**18. Operation and Management (O & M):**

The Vendor will be required to provide trouble free performance, service and manage to run the facilities for a period of 3 (three) years from the date of testing, commissioning and integration of all the Audio -Visual Equipment and no extra charges will be paid during this period.

**19. Placing the Order:**

The Tender submitted shall clearly mention the name of the firm/person in whose favour the Order is to be placed. Any request made after submitting the Tender for changing the name of the firm in whose favour the Order is to be placed shall not ordinarily be entertained.

**20. Income Tax:**

Every Tenderer/Bidder shall furnish along with the Tender the last three years Income Tax Return along with audited financial accounts, without which his/her tender is liable to be rejected. The Institute will deduct amount towards Tax Deducted at Source (TDS) as per the latest Income Tax Rules/ GST rules from all payments made to the supplier/contractor.

**21. Termination of Contract:**

IIM Amritsar reserves its right to terminate the contract for any reason at its absolute discretion including, but not limited to the following:

- i) If the Vendor is adjudicated insolvent by a Competent Court of Law or files for Insolvency or the Agency's Company is ordered to be wound up by a Competent Court. Vendor commits any material breach of the terms of this contract with IIM Amritsar or if Found guilty of any malpractice in the performance of the Contract.
- ii) If any charge-sheet is filed by the Competent Authority of the Government

against the Vendor is convicted by a criminal court on grounds of moral turpitude.

- iii) In the event of non-satisfactory service or failure on the part of the Vendor or if the Vendor shall neglect to execute the Contract with due diligence or expedition or shall refuse or neglect to comply with any reasonable order given to him by IIM Amritsar in connection with the Projector shall contravene the provisions of the Contract, IIM Amritsar shall have the option to terminate the Contract by giving one month notice and may get the procurement executed (either in part or in whole, as the case may be) by any alternate sources at the Vendor's risk and cost. In such an event the Vendor shall have no claims whatsoever against IIM Amritsar in consequence of such termination of the contract. The decision of IIM Amritsar in terminating the contract will be final and binding on the Vendor.

**22. Force Majeure:**

If either party is prevented from the performance of its obligations in whole or in part for reasons of Force Majeure, viz., acts of God, acts of Government, acts of public enemy, war, hostility, civil commotion, blockade, sabotages, riots, fire floods, earthquake, explosions, epidemics, strike and lawful lockout, the period of Force Majeure shall be excluded accordingly. If Force Majeure event(s) continue beyond the period of three months, the parties shall hold consultation to chalk out the further course of action. Neither party can claim any compensation from the other party on account of Force Majeure.

**23. Conciliation:**

Any dispute or difference whatsoever arising between the parties relating to or arising out of Contract, shall be settled first by Conciliation in accordance with the Govt. Rules and settlement so rendered between the parties in pursuance thereof shall be final and binding on the parties. Reference to Arbitration shall be made only when the Conciliation has failed.

**24. Accommodation, Gate Pass, etc.:**

The Vendor shall be responsible for obtaining gate passes its personnel in connection with the execution of the project. IIM Amritsar in this regard shall provide necessary assistance to obtain gate pass.

**25. Institute to be indemnified:**

The Contractor shall at all times indemnify and keep indemnified the Institute and its officers, servants, agents and any other guest or person moving in the Campus Area premises from and against all third party claims whatsoever (including but not limited to property loss and damage, personal accident, injury or death of/to property or person of any Sub-contractor and/or the servants or agents of the contractor, any sub-contractor(s) and/or the Institute) and the contractor shall at his own cost and initiative at all times up to the successful conclusion of the Operation & Management period specified in Clause 17 hereof take out and maintain all insurable liabilities under this Clause, including but not limited to third party insurance and liabilities under the Motor Vehicles Act, Workmen's Compensation Act, Fatal Accidents Act, Personal Injuries Insurance Act, Emergency Risk Insurance Act and/or other Industrial

Legislation from time to time in force in India.

**26. Any Other Condition:**

- IIM Amritsar reserves the right to alter/revise the list of items including the quantities thereof at any point of time.
- wherever the term “Commercial Bid” is mentioned, it shall be construed to mean “Price Bid” and vice versa.

**Vendors are to abide by all the Terms and Conditions stated in the Tender Document and all tender documents should be signed by authorised signatory. In case these terms and conditions are not acceptable to any Tenderer/ Bidder, he/she should clearly specify the deviations in his/her tender. IIM Amritsar reserves the right to accept or to reject them. In case of any dispute, the decision of the Director of the Institute shall be final and binding on all the parties.**

**APPENDIX – I**

**Summary of Audio-Visual facilities requirement**

<i>S. No.</i>	<i>Particulars of utility / area</i>	<i>Scope of AV Requirement</i>
I.	<b>Classroom 60 seater classroom – 1 Nos</b>	Design, supply, installation, testing, commissioning and integration of all the required equipment for Audio-Video solution with control facility having one interactive display, podium with touch screen monitor with multiple interfaces/ports for connecting different devices, audio/video capturing, storage and, provision for digital switching and control solution, mics at dais and also for participants.

**PRICE BID SCHEDULE**

**COST OF SUPPLY, INSTALLATION, TESTING, COMMISSIONING and INTEGRATION EQUIPMENT FOR AUDITORIUM**

SL No	Type of the Item	Brief Technical Specifications of the Item	Brand Quoted	Model Quoted	Qty	Unit Cost (in ₹)	GST	Total Cost (in ₹)
1	Interactive Display	SITC of 84 Inch or above 10 Touch Interactive Display with Wireless Sharing facility, Aspect Ratio of 16:9, 178 Degree Viewing Angle, Resolution of 3840 x 2160 and response time of 8 ms or below, inbuilt speaker, whiteboard pen, with at least 4mm of Toughened Anti-glare Glass Complete with installation as per site requirement.			1 Nos			
2	Speaker	S.I.T.C. of two Way Indoor, surface mounted speaker, 60 W (rms) continuous pink noise, Nominal sensitivity - 87 dB SPL, 1 W, 1 m, full space, Impedance of 8 ohms, coverage angles of 115 Degree (H) and 55 Degree (V) with built in 6.5" woofer and Tweeter of 1 inch as per site requirement.			4 Nos			
3	Amplifier	SITC of Rack Mountable Amplifier System with two channels of 2 x 60 watts @ 8 ohms, 2 x 100 watts @ 4 ohms, 100 dB signal-to-noise ratio with 0.1% THD+N, Input Impedance of +4 dBu, Fan less, Damping factor - >100 @ 8 ohms, S/N - 105 dB complete with installation as per the site requirement.			1 Nos			

4	Digital Signal Processor – Mixing Console	S.I.T.C. of Digital Signal Processor with 6 mono, mic/line, balanced/unbalanced input and 4 mono, balanced/unbalanced, with Input Impedance of >10k ohms and output Impedance of 50 ohms unbalanced, 100 ohms balanced, Noise level - <-120 dBV, Volume range - -18 dB to +80 dB, mic/line input, adjustable per input and Mic phantom power of +48 VDC complete with installation as per site requirement.			1 Nos			
5	Wireless handheld microphone	Wireless handheld microphone with True diversity receiver (UHF) Display on Transmitter and Receiver , RF Power output 10mW or Better , Polar Pattern :- Cardioid , Carrier frequency range 500Mhz to 865Mhz , Frequency response 20Hz to 20Khz , Mute Button on Transmitter , Battery Operation time Minimum 8hr , Should have Charging Contact in Transmitter , Receiver dynamic range 100 dB (A-weighted) Or better , switching bandwidth Minimum 24Mhz Or better etc complete.			1 Nos			
6	Gooseneck microphone	Gooseneck microphone illuminated ring for Digital wired conference system with following features: Transducer type-Condenser (electret), Operating principle-Pressure gradient, Microphone connection-5-pin XLR (male) Gooseneck diameter- 6 mm approx. Total length- 470 mm approx. complete with installation as per the site requirement.			1 Nos			

7	wireless lapel microphone	UHF wireless lapel microphone, 12 Channel Present or better, Display on Transmitter and Receiver, RF Power output 50mW or Better, Polar Pattern :- Omnidirectional, Carrier frequency range 500Mhz to 865Mhz, Frequency response 20Hz to 20Khz, Mute Button on Transmitter, Battery Operation time Minimum 8hr, Should have Charging Contact in Transmitter. Receiver dynamic range 80 dB (A-weighted) Or better, switching bandwidth Minimum 30mHz Mhz Or better complete with installation as per the site requirement.			1 Nos			
8	Wireless head worn microphone	Wireless head worn microphone with True diversity receiver (UHF) Display on Transmitter and Receiver, RF Power output 10mW or Better, Polar Pattern: - Super Cardioid, Carrier frequency range 500Mhz to 865Mhz, Frequency response 20Hz to 20Khz, Mute Button on Transmitter, Battery Operation Time Minimum 8hr, Should have Charging Contact in Transmitter, Receiver dynamic range 100 dB (A-weighted) Or better, switching bandwidth Minimum 24Mhz Or better etc complete as per site requirement.			1 Nos			
9	Digital Podium	SITC of Metallic Podium with 22" inch Display with tilt screen facility, Full HD resolution, Passive plate with 2 USB ports, Power point, VGA x 1, 4 HDMI input port and 2 HDMI out port, Self-Lockable wheels, Front logo sheet, Gooseneck Mic Desktop Computer (Including, i5 Processor, 1TB HDD, 8 GB RAM, DVD Writer, HDMI, VGA, Genuine software (windows 10 Professional, and MS office			1 Nos			

		2019 Professional Plus with licensed), HDMI supportable, Wireless Keyboard & Mouse. complete with installation as per the site requirement.							
10	HDMI Switcher	SITC of 4 Input (VGA/HDMI) and HDMI Output Switcher with Impedance of 75 ohms, Frequency response - 20 Hz to 20 kHz, $\pm 0.5$ dB, THD + Noise - $< 0.1\%$ , S/N - $> 90$ dB, Crosstalk - $\leq -80$ dB, complete with installation as per the site requirement.			1 Nos				
11	Audio De-embedder	HDMI Audio De-Embedder with HDMI input, HDMI Output with 1 embedded digital audio from HDMI with S/N - $> 90$ dB, Input cable length of 15.0 m for 4K Resolution, 30.0 m for 1080p and 45.0 m for 720P Resolution complete with installation as per the site requirement.			1Nos				
12	Cables and Accessories	HDMI, VGA Cable for Various length for the project complete with installation as per the site requirement.			As per site requirements				
13	Services	Installation & Commissioning			As per site requirements				
<b>TOTAL COST (in Rs `) (C/o to COST ABSTRACT)</b>									



Ref: -

Dear Sir,

The following DD in favour of IIM Amritsar are enclosed herewith towards Tender Fee & EMD

<b>Detail of DD</b>	<b>Amount</b>	<b>DD No. &amp; Date</b>	<b>Bank Name</b>
Tender Fee (Including Tax)	Rs.		
EMD	Rs.		

**Details of the Company**  
**Tender No.:**

Sl. No	Clarification sought	Details to be furnished	
1	Name of the authorized signatory Contact Address  Email Address: Telephone No. Mobile No. Fax No.		
2	Type of company/organization (please tick)	<input type="checkbox"/> Private Limited Company <input type="checkbox"/> Public limited Company <input type="checkbox"/> Others (specify)	
3	Year of Incorporation:		
4	Has the company/organization ever been black-listed by Govt. of India, <b>if No</b> , please attach a self-declaration		
5	Annual turnover during the financial years:	<b>Year</b>	<b>Amount (in lakhs)</b>
		2016-17	
		2017-18	
		2018-19	
6	Confirm whether the company/organization is a systems integrator with proven skills and experience in designing, setting up, operating and maintaining similar facilities? <b>Please attach the completion certificate as a proof for expertise.</b>		
7	Total number of above projects executed during last 2 financial years and the total value of these projects	No. of Projects:  Value :	
10	Confirm whether company/organization has local support facility at Punjab (please tick)	YES NO	
11	Whether the Bidder is authorized by the OEM to participate in this Tender?	YES NO	

*[Note: Please attach documentary proof in support of the information furnished above, wherever necessary, duly signed by the authorized signatory]*

Date:

(Signature of Authorized Signatory)

**CERTIFICATE**  
**(To be provided on letter head of the firm)**

I hereby certify that the above firm neither blacklisted by any Central/State Government/ Public Undertaking/Institute nor is any criminal case registered / pending against the firm or its owner / partners anywhere in India.

I also certify that the above information is true and correct in any every respect and in any case at a later date it is found that any details provided above are incorrect, any contract given to the above firm may be summarily terminated and the firm blacklisted.

**Authorized Signatory**

**Date:**

**Name:**

**Place:**

**Designation:**

**Contact No.:**

**Seal**

**Annual Turnover & Income Tax Return Details:**

Bidder's Annual Turnover for last three Financial years & Income Tax Returns for last three financial years	Financial Year	Turnover in Rs.	Net Taxable Income	-
	<b>2018-19</b>			Supporting Documents are to be attached along with the Annexure- <i>(Balance Sheet approved by the CA and the IT clearance certificate, profit loss account)</i>
	<b>2017-18</b>			
	<b>2016-17</b>			

Date:

Authorized Signatory:

**Bidder's work Order Details:**

S. No.	Evaluation Criteria	Name of the Client with Order No. & date
List of major clients where the similar type of Work executed by you during the last 2 financial years.		
1	Three projects details executed during last 2 financial years and the total value of these projects	

Date:

Authorized Signatory

**ORIGINAL EQUIPMENT MANUFACTURER'S AUTHORISATION LETTER**  
(in Original Letter Head of OEM)

To

Date:

Dear Sir,

Subject: Direct Manufacturers Authorization  
**Tender Ref No:**

We .....an established and reputable manufacturer of professional \_\_\_\_\_system ..... (Product) having factories ..... and offices at ..... do hereby authorize M/S \_\_\_\_\_, to submit a above requirement and subsequently negotiate and sign the contract with you for the supply of goods manufactured by us.

We would like to bring to your kind notice that M/S \_\_\_\_\_has a full-fledged team bases out at \_\_\_\_\_ who can provide the best local implementation & after sales support and their local Engineers are trained and certified by our team. I take the privilege to inform you that their local engineers can integrate and program the system as per to the design requirements and can provide the best support.

Yours faithfully,

for .....

**Signature of Officer Authorized to sign this Document on behalf of the OEM.**

**ORIGINAL EQUIPMENT MANUFACTURER'S WARRANTY LETTER**  
(in Original Letter Head of OEM)

To

Date:

Dear Sir,

Subject: Direct Manufacturers Authorization

**Tender Ref No:**

We .....an established and reputable manufacturer of professional  
\_\_\_\_\_system ..... (Product) having factories ..... and  
offices at ..... do hereby authorize M/S  
\_\_\_\_\_, to provide the warranty support for the supply of goods  
manufactured by us.

We hereby confirm and extend our full warranty of 3 years as per the tender for the products offered by the above firm against and duly authorize the said firm to act on our behalf in fulfilling any or all installation, technical support and maintenance obligation as required by the contract.

Yours faithfully,

for .....

**Signature of Officer Authorized to sign this Document on behalf of the OEM.**

**GENERAL CONDITION COMPLIANCE FORM**

**FORM 8**

<b>SL No</b>	<b>Item</b>	<b>Description</b>	<b>Compliance (Yes/No)</b>	<b>Remarks</b>
1	Interactive Display	SITC of 84 Inch or above 10 Touch Interactive Display with Wireless Sharing facility, Aspect Ratio of 16:9, 178 Degree Viewing Angle, Resolution of 3840 x 2160 and response time of 8 ms or below, inbuilt speaker, whiteboard pen, with at least 4mm of Toughened Anti-glare Glass complete with installation as per the site requirement.		
2	Speaker	S.I.T.C. of two Way Indoor, surface mounted speaker, 60 W (rms) continuous pink noise, Nominal sensitivity - 87 dB SPL, 1 W, 1 m, full space, Impedance of 8 ohm, coverage angles of 115 Degree (H) and 55 Degree (V) with built in 6.5" woofer and Tweeter of 1 inch complete with installation as per the site requirement.		
3	Amplifier	SITC of Rack Mountable Amplifier System with two channels of 2 x 60 watts @ 8 ohms, 2 x 100 watts @ 4 ohms, 100 dB signal-to-noise ratio with 0.1% THD+N, Input Impedance of +4 dBu, Fan less, Damping factor - >100 @ 8 ohms, S/N - 105 dB complete with installation as per the site requirement.		
4	Digital Signal Processor	S.I.T.C. of Digital Signal Processor with 6 mono, mic/line, balanced/unbalanced input and 4 mono, balanced/unbalanced, with Input Impedance of >10k ohms and output Impedance of 50 ohms unbalanced, 100 ohms balanced, Noise level - <-120 dBV, Volume range - -18 dB to +80 dB, mic/line input, adjustable per input and Mic phantom power of +48 VDC complete with installation as per the site requirement.		
5	Wireless handheld microphone	Wireless handheld microphone with True diversity receiver (UHF) Display on Transmitter and Receiver , RF Power output 10mW or Better , Polar Pattern :- Cardioid , Carrier frequency range 500Mhz to 865Mhz , Frequency response 20Hz to 20Khz , Mute Button on Transmitter , Battery Operation time Minimum 8hr , Should have Charging Contact in Transmitter , Receiver dynamic range 100 dB (A-weighted) Or better , switching bandwidth Minimum 24Mhz Or better etc complete with installation as per the site requirement.		



6	Gooseneck microphone	Gooseneck microphone illuminated ring for Digital wired conference system with following features: Transducer type-Condenser (electret), Operating principle- Pressure gradient, Microphone connection-5-pin XLR (male) Gooseneck diameter- 6 mm approx. Total length- 470 mm approx. complete with installation as per the site requirement.		
7	wireless lapel microphone	UHF wireless lapel microphone,12 Channel Present or better , Display on Transmitter and Receiver , RF Power output 50mW or Better , Polar Pattern :- Omnidirectional, Carrier frequency range 500Mhz to 865Mhz , Frequency response 20Hz to 20Khz , Mute Button on Transmitter , Battery Operation time Minimum 8hr , Should have Charging Contact in Transmitter .Receiver dynamic range 80 dB (A-weighted) Or better, switching bandwidth Minimum 30MHz Mhz Or better complete with installation as per the site requirement.		
8	Wireless head worn microphone	Wireless head worn microphone with True diversity receiver (UHF) Display on Transmitter and Receiver, RF Power output 10mW or Better, Polar Pattern: - Super Cardiod, Carrier frequency range 500Mhz to 865Mhz, Frequency response 20Hz to 20Khz, Mute Button on Transmitter, Battery Operation Time Minimum 8hr, should have Charging Contact in Transmitter, Receiver dynamic range 100 dB (A-weighted) Or better, switching bandwidth Minimum 24Mhz or better etc complete as per site requirement.		
9	Digital Podium	SITC of Metallic Podium with 22”inch Display with tilt screen facility , Full HD resolution, Passive plate with 2 USB ports, Power point, VGA x 1, 4 HDMI input port and 2 HDMi out port, Self-Lockable wheels, Front logo sheet, Gooseneck Mic Desktop Computer (Including, i5 Processor, 1TB HDD, 8 GB RAM, DVD Writer, HDMI, VGA, Genuine software (windows 10 Professional, and MS officer 2019 Professional Plus with licensed), HDMI supportable, Wireless Keyboard & Mouse complete with installation as per the site requirement.		

10	HDMI Switcher	SITC of 4 Input (VGA/HDMI) and HDMI Output Switcher with Impedance of 75 ohms, Frequency response - 20 Hz to 20 kHz, $\pm 0.5$ dB, THD + Noise - < 0.1%, S/N - >90 dB, Crosstalk - $\leq -80$ dB complete with installation as per the site requirement.		
11	Audio De-embedder	HDMI Audio De-Embedder with HDMI input, HDMI Output with 1 embedded digital audio from HDMI with S/N - >90 dB, Input cable length of 15.0 m for 4K Resolution, 30.0 m for 1080p and 45.0 m for 720P Resolution complete with installation as per the site requirement.		
12	Cables and Accessories	HDMI, VGA Cable for Various length for the project complete with installation as per the site requirement.		
13	Services	Installation Testing & Commissioning complete as per the site requirement.		

Authorized Signatory

**Certificate for Tender Documents Downloaded from  
Indian Institute of Management Amritsar Website**

In case the tender document is downloaded from the website, a declaration in the following Performa has to be furnished.

"I..... (Authorized Signatory) hereby declare that the Tender Document submitted has been downloaded from the website <http://www.iimamritsar.ac.in> and no addition/deletion/correction has been made in the Tender Form (Tender No.....) downloaded. I also declare that I have enclosed a DD/Bankers Cheque No. ....dated ..... for `..... towards the cost of Tender Form along with Tender document".

In case at any stage, it is found that the information given above is false / incorrect, IIMK shall have the absolute right to take any action as deemed fit/without any prior intimation.

**Signature of the Tenderer with Seal**