



**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
DESIGN AND MANUFACTURING KANCHEEPURAM**
(An Institute of National Importance under MoE, Government of India)
Melakkottaiyur, Off Vandalur-Kelambakkam Road,
Chennai – 600 127, Tamil Nadu.
Phone: 044 2747 6324/6322, Email: estate@iiitdm.ac.in

NOTICE INVITING TENDER (E-PROCUREMENT THROUGH CPPP)

Indian Institute of Information Technology Design and Manufacturing (IIITD&M) Kancheepuram invites **e-tender under TWO BIDS** with prequalification systems from the vendors who fulfils the eligibility as given below in the campus.

Sl. No.	Particulars	Quantity Required
1	Design, supply, installation, testing and commissioning of Audio-Video systems in Senate hall – Reg.	As per Annexure-3

The tender document may be downloaded from the website <http://iiitdm.ac.in> or <https://etenders.gov.in/e procure/app>

The offers, in the prescribed format shall be submitted online at <https://e procure.gov.in/e procure/app> as per the tender document. No tender will be accepted in hard copy, fax, email or any other such means. The intending, bidders must be registered with CPP portal <https://e procure.gov.in/e procure/app>.

a) Tender Number /Date	IIITDM/19/2023-24/Engg/Electrical/007; Dt: 15 th December, 2023
b) Pre-bid meeting/ Site visit	20 th December, 2023; 11:00 Hrs.
c) Bid Submission	29 th December, 2023; 15:00 Hrs.
d) Technical Bid Opening	30 th December, 2023; 15:00 Hrs.
e) EMD	Rs. 35,400/- (Bidders shall Deposit EMD through SBI E'Collect Go to link - https://www.onlinesbi.sbi/sbicollect/icollecthome.htm (or) Valid MSME Exemption certificate must be attached
f) Security Deposit / Performance Guarantee	Successful Bidder shall submit the Security Deposit at 5% of the Contract value.
g) Estimated cost. (Rs.)	Rs. 11,80,000/- (Excl. GST)

TERMS & CONDITIONS GOVERNING THE CONTRACT

1. Eligibility Criteria: In order to be considered for the contract of the works as detailed under ‘Techno-Commercial Bid’ in this tender document, the tenderer should:

1.1 Have Similar “Design, supply, installation, testing and commissioning of Audio-Video system works experience” preferably awarded by the State Govt. /Central Govt. /Autonomous /Reputed corporate institutions/ organizations, for the value enlisted below and the work order was awarded and executed on or after 01/01/2018.

(i) Rs. 9.44 lakhs Excl. GST for a single work order

(Or)

(ii) Rs. 5.90 lakhs Excl. GST each for two work orders

(Or)

(iii) Rs. 4.72 lakhs Excl. GST each for three work orders.

1.2 Produce the valid work order(s) & it’s work completion certificate(s) from the above mentioned works.

2. Earnest Money Deposit:

2.1 Bidders shall Deposit EMD through SBI E’Collect. The amount must be paid through online mode and it shall be received on or before the last date and time of bid submission and the payment proof of EMD shall be attached along with the technical bid. Physical mode of payment i.e. Banker cheques or Demand drafts are not acceptable.

2.2 Steps for submission of EMD through SBI E’Collect.

- Go to link - <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm>
- Please select “IIITDM – KANCHEEPURAM A/C” from drop down list
- Please select “Earnest Money Deposit (EMD)” from Payment Category drop down list
- Kindly fill all tender details, contact details, EMD amount and make payment.
- After successful payment, the payment proof of EMD shall be attached along with the technical bid.

2.3 In the case of payment failure/ mismatch of particulars leads to cancellation of bid.

2.4 For the successful bidder, the EMD will be retained/ adjusted against the security deposit.

2.5 For the unsuccessful bidders, EMD amount will be refunded within 30 days from the date of issue of work order.

2.6 The bidder shall enclose cancelled Cheque/bank details to refund the EMD amount in case of unsuccessful bids.

2.7 EMD shall be forfeited if any tenderer with draw their offer with in the bid validity period

2.8 Valid proof of MSME exemption shall be uploaded for to waive off the EMD.

3. Security Deposit & Contract Agreement:

- 3.1 On receipt of notification of award, successful bidder shall complete the following within 07 working days:
- 3.1.1 Submission of Security Deposit 5% of Contract value in the form of a Crossed Demand Draft/Pay Order/Banker's cheque/FDR drawn/Bank guarantee in favor of "**The Registrar, IITDM Kancheepuram**", payable at Chennai. within 07 (seven) working days of the receipt of Notification of Award (NOA) / Award of work order from IITDM Kancheepuram (The Defect Liability Period as specified (ie:12 Months after completion of work)
- 3.1.2 The successful bidder shall be required to sign a detailed contract agreement & commence the work within 07 working days from the date of receipt of work order in 100 Rs. Stamp paper Agreement format is available in the institute website link: https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fmis.iitdm.ac.in%2Fimg%2Fintranet_forms%2FENGINEERING_SECTION%2FCONTRACT%2520AGREEMENT.docx&wdOrigin=BROWSELINK
- 3.2 In case of failure to commence the work by the Contractor within 07 days after signing of the contract or handover of site, the Institute shall be at the liberty to terminate the Award and forfeit the Security Deposit.

4. Preparation of bids - Two bid system (simultaneous receipt of separate technical and financial bids):

- 4.1 **Technical bid** shall consist of prequalification forms along with supported documents as detailed below:
- 4.1.1 Complete prequalification papers, Name of the Agency and also commercial terms etc., offered (**Note: Price column in this cover should be kept blank**).
- 4.1.2 Duly filled and digitally signed Bid submission & self-declaration Proforma (As per Annexure – 1), EMD transaction details/ MSME exemption certificate, Cancelled cheque/ Bank details & GST Certificate.
- 4.1.1 Duly filled and digitally signed copy of Technical Qualification Proforma along with copy of work order(s) & it's work completion certificate(s) as per the eligibility criteria referred in clause no. 1.
- 4.2 **Financial bid/Techno commercial bid** indicating item-wise price for the items mentioned in the technical bid, special concession in rates if any applicable for Educational Institutions shall also be offered and indicated clearly.
- 4.3 **Both the covers should be submitted through online CPP portal <https://eprocure.gov.in/eprocure/app> before due date and time.**

5. Technical terms:

- 5.1 The selected contractor will have to carry out “Design, supply, installation, testing and commissioning of Audio-Video system works at senate hall”, which have been listed under the ‘Techno-Commercial Bid’ of this tender document. He shall be under obligation to carry out all of the works stipulated in the contract.
- 5.2 The materials used by the Contractor shall be of reputed make. The contractor shall ensure that all the materials / fixtures specified in Techno-Commercial Bids shall be preapproved before their use by the Contractor. Catalogues / Brochures /Warranty Certificates if any are also to be submitted to this office by the Contractor along with samples whenever required.
- 5.3 The work shall be carried out as per the relevant CPWD general specifications for civil and electrical works & Indian Electricity rules 1956 as amended up to date.
- 5.4 After the execution of work, it shall be proof checked by the contractor in real time for a minimum period of 10 days, during the period, the system efficiency will be counter checked by the institute’s Engineering-in-charge as required.
- 5.5 During the execution of work, the selected contractor shall follow all safety measures and protocols time to time laid by the institute and the contractor shall coordinate with other contractors for smooth functioning of Institute activities as required.
- 5.6 IIITDM Kancheepuram has Power to issue instructions etc., IIITDM Kancheepuram may in its absolute discretion & from time to time issue further Drawings if any, &/or written instructions, detailed directions & explanations in regard to:
 - 5.6.1 Minor addition, reduction, omission or substitution of any work included in the Contract.
 - 5.6.2 Minor variation or modification of the design, quality, character of any work.
 - 5.6.3 Minor variation in the dimensions of any part of the works.
 - 5.6.4 Minor discrepancy in the Drawings if any, or between the Bill of Quantities and / or Specification.
 - 5.6.5 The removal from the site of any material brought thereon by the Contractor & the substitution of any other material.
 - 5.6.6 The dismissal from the works of any person employed there-upon by the Contractor to carry out the work under the provisions of this Contract and its replacement by another suitable person within a given time frame at no additional cost to IIITDM Kancheepuram.
 - 5.6.7 The opening up of or inspection of any work covered up, all other instructions issued to him covering other aspects of the Contract.
 - 5.6.8 Execution of bare joints in cables are not allowed. Under extra ordinary conditions Terminal blocks with required safety measures must be used instead of joints without any additional cost.

- 5.6.9 During the execution any wall/ flooring/ table cutting and finishing & making good (providing hy-lam sheets/ dummies etc.) also to be carried out without any additional cost.
- 5.7 The requirements given in the ‘Techno-commercial bid’ are only indicative and not exhaustive. Contractor shall be required to complete the project. The decision of IIITDM Kancheepuram authorities in this regard shall be final and binding on the Contractor.
- 5.8 Engineer-in-charge or any other representative/official deputed by the IIITDM Kancheepuram shall have the right to inspect or to test the materials to establish their conformity to the ordered specifications. The Contractor shall provide all reasonable facilities and assistance to such representative without any charges to the IIITDM Kancheepuram in this regard.
- 5.9 Further, IIITDM Kancheepuram may direct the Contractor to get any/all materials/samples tested from specified organization(s) for conforming to the tendered specifications at the cost of the Contractor. In case, any inspected or tested material fails to conform to the ordered specifications, or workman ship is found to be unsatisfactory, IIITDM Kancheepuram may reject them and Contractor shall either replace the rejected material or make alternative arrangements necessary to meet the stipulated specifications and rectify the defects pointed out in the workman ship, at no additional cost to IIITDM Kancheepuram.
- 5.10 Work shall be executed and completed as per the technical terms and conditions of this document. In case the Contractor fails to complete the assigned work within specified Period, IIITDM Kancheepuram may recover Liquidated Damage and/or terminate the Contract and/or forfeit the Security Deposit. IIITDM Kancheepuram on its part would be required to handover the site to the Contractor free from any encumbrance.

6. Commercial terms:

- 6.1 The work shall be executed and completed within **30 working days** from the date of Commencement of the Work. In case, the Contractor fails to complete the assigned work within specified Work Completion Period, IIITDM Kancheepuram may recover Liquidated Damage and/or terminate the Contract and/or forfeit the Security Deposit. IIITDM Kancheepuram on its part would be required to handover the site to the Contractor free from any encumbrance.
- 6.2 Item Rates quoted on the ‘Techno-Commercial Bid’ by the bidder shall be valid and constant during the entire period of contract and will not be subject to any variation on any account whatsoever.
- 6.3 Measurements of all items having financial value shall be recorded in Measurement books so that a complete record is obtained of all works performed under the contract. Measurements shall be taken jointly by the IIITDM Kancheepuram official designated for the purpose and the Contractor.
- 6.4 Payment of bills shall be made against supply, acceptance and after verification of the bill by the Institute after deduction of taxes and TDS as per applicable rules. Running account bill/Final bill shall be submitted by the contractor after execution of work and completion certificate shall be furnished by the Institute after completion of work in full. Payment to be made only for the work actually done.

- 6.5 The Contractor shall take at his own cost, necessary insurance cover in respect of staff and other personnel to be employed or engaged by him in connection with the afore mentioned services personnel by services to be rendered.
- 6.6 The defect liability period is of one year for all the items. Further, the products manufacturer's warranty certificates shall be submitted to the Engineer-In-Charge.
- 6.7 Statuary deductions of taxes at source will be carried out from the payment due at the prevalent rates as prescribed by the government.

7. Other conditions:

- 7.1 The institute reserves the right to reject any or all the bids without assigning any reasons thereof. No tenderer shall have any cause of action or claim against IIITDM Kancheepuram for rejection of his bid.
- 7.2 The IIITDM, Kancheepuram is having a right to cancel the awarded work at any point of time in case of the contractor's performance is not up to the mark by giving termination letter.
- 7.3 The tender document is not transferable and Conditional Tenders / Non-compliance of any of the conditions set in tender document shall render the bid liable for rejection.
- 7.4 IIITDM Kancheepuram reserves the right to seek any clarification from the bidders or waive any minor deviation in the provisions governing the contract at its sole discretion.
- 7.5 Further, refer & comply with the in detail "**Tender general terms and conditions**" available at IIITDM > FORMS > ENGINEERING SECTION > TENDER GENERAL TERMS AND CONDITIONS" enclosed in the mentioned web link. These conditions are part and parcel of contract agreement.

https://mis.iiitdm.ac.in/img/intranet_forms/ENGINEERING_SECTION/ENGINEERING%20SECTION_Tender%20General%20terms%20and%20conditions.docx

Sd./-
Registrar
IIITDM Kancheepuram

BID SUBMISSION & SELF DECLARATION PROFORMA

Name of the Work/AMC: Design, supply, installation, testing and commissioning of Audio-Video system in Senate hall – Reg.

Tender No.: IIITDM/19/2023-24/Engg/Electrical/007; **Dt:** 15th December, 2023.

To,
The Registrar,
IIITDM Kancheepuram,
Chennai – 600 127.

Dear Sir,

- 1.1 I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking/Autonomous Body etc., at anywhere in the country.
- 1.2 I/We hereby offer to quote for work as defined in ‘Techno-Commercial Bid’ and the relevant Annexures at the quoted price given in the ‘Techno-Commercial Bids’ and agree to hold this offer open till 03 months from the due date.
- 1.3 I/We have read, understood and comply with all Terms and Conditions stipulated in the Tender document necessary for submission of this bid.
- 1.4 It is further stated that I/We have fully read and understood the ‘Techno-Commercial Bids’ and Terms and Conditions in the Tender Document governing this contract and shall abide by them in toto, if awarded the Contract.

Yours faithfully,
Digital Signature

Note: This form duly typed on the letterhead of the bidder and duly signed should be uploaded forming Annexure-1 of this Bid document.

TECHNICAL QUALIFICATION PROFORMA

Name of the work:	Design, supply, installation, testing and commissioning of Audio-Video system in Senate hall.
Tender No.:	IIITDM/19/2023-24/Engg/Electrical/007; Dt: 15 th December, 2023
Name of the bidder (Firm):	
Contact details of the bidder: Corporate/ Works office Address:	
Mobile:	
Email Id:	
GST No.: (Please enclose the copy of GST)	
PAN No.:	
EMD Payment details/MSME Details: (Please enclose valid proof)	
Bank details/Cancelled cheque for EMD refund: (Please enclose valid proof)	
Bid Submission & Self declaration Proforma: (Please enclose the annexure-1)	
Experience: Details of Similar Testing, calibration and servicing of heavy substation electrical equipment works experience preferably awarded by the State Govt./ Central Govt./ Autonomous / Reputed corporate institutions/ organizations for a value not less than Rs. 9.44 lakhs (Excl. GST) for a single work order (or) Rs. 5.90 lakh (Excl. GST) each for two work order (or) Rs. 4.72 lakh (Excl. GST) each for three work order should be awarded and executed on or after 01.01.2018 Please enclose the copy of valid work order(s) and it's work completion certificate(s)	
Details of Manpower availability (Desirable): (Number with their qualification & experience): (Add separate sheet if required)	

Declaration:

I/We hereby declare and affirm that I/We have read and understood the terms and conditions of the contract as stipulated in NIT.

Digital Signature

TECHNO-COMMERCIAL BID

Tender No.:		IIITDM/195/2023-24/Engg/Electrical/007; Dated: 15 th December, 2023.			
Name of the work:		Design, supply, installation, testing and commissioning of Audio-Video system in Senate hall.			
Name of the Bidder:					
S. No.	Description	Unit	Qty	Rate in Rs.	Amount in Rs.
1.0	Video System				
1.01	SITC of Laser projector with following specifications: Brightness – Minimum 5600 Lumens, Minimum Contrast Ratio of 20,00,000:1, Resolution – WUXGA, Pixels – 1920 x 1200, Maximum Input Resolution – 4096 x 2160, Light Source Life – 20,000 to 30,000 Hours, Keystone Adjustment – Automatic / Manual, Connectivity – HDMI, VGA, USB, RJ45 Control – RS232, Miracast, Support to wireless communication, LAN and inclusive of stand, fixtures, cables, connectors and other accessories etc., as necessary. Make: Panasonic/ Sony/ Epson/ Infocus	No's	1		
1.02	SITC of 123” (Diagonal) Fiber Glass MW Tubular Motor Screen with RF remote and shall has minimum Aspect Ratio of 16:10 in the existing wall by drilling along with required accessories etc., as required. Make: Epson/ Logic/ AV Vision	No's	1		
1.03	SITC of 20x Zoom Full HD PTZ Camera with HDMI Output minimum of 1/2.7 Inch or higher end type MOS with minimum of 2.07 million effective pixels high quality HD CMOS sensor, H265 encoding support, local storage support module, directly recording to local USB flash disc without NVR, High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions, picture can still keep clean and clear inclusive of cable, connectors, stand, fittings and other accessories as required. Make: Canon/ Sony/ Panasonic	No's	1		
1.04	SITC of suitable type HDMI Cable for connecting the above said camera including cutting of acoustic panel/wall/wood etc., and refinishing the same as required. (Length: 25 Mtrs) Make: MX/ Microware/ Peapsonic	No's	1		
1.05	SITC of USB 3.0 Extension cable for connecting the above said camera including cutting of acoustic panel/wall/wood etc., and refinishing the same as required. (25 Mtrs) Make: MX/ Microware/ Peapsonic	No's	1		
1.06	Design & SITC of suitable Smart display monitor of size 55”, Resolution: 4K Ultra HD (3840 x 2160) Refresh Rate: 60 Hertz 178 Degree wide viewing angle Wi-Fi, USB, Ethernet, HDMI connectivity along with the suitable 30 Degree angular stand shall be fixed on floor top for accommodating monitor as per the directions of	No's	1		

	Engineering-In-Charge including cutting of floor and refinishing the same as required along with the cables, connectors and other accessories etc., including floor cutting, cables & raceway laying & refinishing as required. Make: Samsung/Sony/LG/Panasonic				
2.0	Audio System				
2.01	<p>Wall Mount Speakers: Design & SITC of 2-way, Minimum of 350 Watts and above PA sound-reinforcement loud speaker, Ultra-Wide sound dispersion, Frequency response of 50Hz to 20kHz (maximum up to -10 dB variation), Sound pressure level (SPL) – 96 dB (full space, 1 Watt @1 m), High Impedance, Nominal dispersion - 70° H x 50° W, Crossover frequency – 2.2 kHz, Powerful 8” long excursion low-frequency driver for powerful bass, a 1” compression driver mounted on an ultra-wise dispersion and inclusive of suitable stand by drilling the wall, fixtures, XLR cables, connectors to complete the job etc., as required The speakers, amplifier and mixer rating shall be designed according to the hall requirement (Note: All the Parameters shall be inline or higher side to the given specifications). Make: Behringer / JBL / Yamaha</p>	No's	8		
2.02	<p>Power Amplifier: Design & SITC of 6000 Watts (4*1600 Watts @ 2 Ohms; 2*3000 Watts @ 4 Ohms), 4-Channel, Class-D Power Amplifier, Smart Sense Loud Speaker Impedance Compensation, “Zero-Attack” limiters offer maximum output level with reliable overload protection, Built-In stereo crossover with low-cut, high-cut and full range mode, Ultra-efficient switch-mode power supply for noise-free audio, superior transient response and low power consumption independent DC, LF and thermal overload protection on each channel automatically protects amplifier and speakers without shutting down the show and is inclusive of laying of cables, connectors, rack, jacks/pins and other accessories etc., and shall be best suited the above said speakers. Make: Behringer / Shure / JBL / Yamaha</p>	Set	1		
2.03	<p>24-Channel Analog Mixer: Design & SITC of Premium 24-Input, 4/2 - Bus Mixer with XENYX Mic Preamps and Compressors, USB /Audio interface, Ultra-high quality Klark Teknik FX processor with LCD display, dual-parameters, Tap function and storable user parameter settings, 4 aux sends per channel: 2 pre/post fader switchable for monitoring/FX applications, 2 post fader “Planet Earth” switching power supply for maximum flexibility (100 – 240 V~), noise-free audio, superior transient response plus low power consumption for energy saving and shall be best suited to the above amplifier and speakers Make: Behringer / Shure / JBL / Yamaha</p>	No's	1		

2.04	SITC of suitable Wireless Handheld Mic: Minimum Number of Channels – 10, Frequency Response – 100 Hz to 15 kHz (+1dB, -3dB) shall be covered, Operating Range – 100 m (300'), typical Microphone Element – Dynamic cardioid Make: Behringer/JBL/Shure/Yamaha/Sennheiser	No's	5		
2.05	SITC of suitable Wireless Lapel Mic: Minimum Number of Channels – 10, Frequency Response – 100 Hz to 15 kHz (+1dB, -3dB) shall be covered, Operating Range – 100 m (300'), typical Microphone Element – Dynamic cardioid Make: Behringer/JBL/Shure/Yamaha/Sennheiser	No's	1		
2.06	SITC of suitable Gooseneck Mic with base Element – Fixed-charge back plate, permanently polarized condenser, Polar Pattern – Cardioid, Frequency Response – 100 Hz – 16,000 Hz shall be covered, Open Circuit Sensitivity preferably of -43dB (7.0 mV) re 1V at 1 Pa, Output connector – Integral 3-pin XLRM-type Make: Behringer/JBL/Shure/Yamaha/sennheiser	No's	3		
2.07	SITC of suitable Battery Charger for Wireless Mic: NiMH batteries are charged within the transmitters, Built-in safety feature monitors cell voltage and automatically turns off the unit if problems are detected, Automatic shut-off if damaged batteries are installed, Maintenance charging prevents battery self-discharge until the transmitter is removed from charger. Make: Panasonic / Duracell / Bosch	No's	3		
TOTAL AMOUNT IN RS. (Excl. GST)					

Note: Total Amount will be taken into consideration for arriving at L-1.

- GST & Taxes will be paid extra as applicable.
- **Site visit is mandatory.**
- **Prior to the installation of the items, the overall design & material specification approvals should be obtained from the Engineering-In-Charge.**

Declaration: I/We hereby declare and affirm that I/We have read and understood the terms and conditions of the contract as stipulated in NIT.

Digital Signature