



Bid Number/बोली क्रमांक (

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	14-02-2025 18:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	14-02-2025 18:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Science And Technology
Department Name/विभाग का नाम	Department Of Scientific And Industrial Research
Organisation Name/संगठन का नाम	Council Of Scientific And Industrial Research (cs
Office Name/कार्यालय का नाम	Indian Institute Of Chemical Technology
क्रेता ईमेल/Buyer Email	madhu.iict@nic.in
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	AUDIO VISUAL SYSTEM
GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS	Audio Visual System for Lecture hall
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Modular Seat and Desk Combo (for classroom / Visually Impaired
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	• Visual Presenters (V2)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	6 Lakh (s)
OEM Average Turnover (Last 3 Years)/मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)	36 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)
MSE Exemption for Years of Experience and Turnover/अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/अनुभव के वर्षों से स्टार्टअप छूट	No

Bid Details/बिड विवरण	
Document required from seller/विक्रेता से मांगे गए दस्तावेज	Experience Criteria,Past Performance,Bidder Turnover (ATC),OEM Authorization Certificate,OEM Annual (Requested in ATC),Additional Doc 2 (Requested in ATC)*In case any bidder is seeking exemption from the supporting documents to prove his eligibility uploaded for evaluation by the buyer
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	Yes
Past Performance/विगत प्रदर्शन	80 %
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	4 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
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MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the year should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheet

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र.सं.	Consignee Reporting/Officer/परेषिती/ रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	
1	Rajnish Kumar	500007,CSIR-IICT UPPAL ROAD TARNAKA	1	15

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें**1. Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25% time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 10% during the currency of the contract at the contracted rates. Bidders are bound to accept the orders according

2. Generic

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address

CSIR-IICT PS MURTHI HALL
UPPAL ROAD
TARNAKA
HYDERABAD
HYDERABAD 500007

3. Generic

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the market. The residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

4. Generic

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can refer to the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid will be rejected.

5. Generic

Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured similar Category Products to any Central / State Govt Organization / PSU for 3 years before the bid opening date. The bidder to be submitted along with bid in support of having supplied some quantity during each of the year. In case of having highest value should meet this criterion.

6. Generic

Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain any code which would activate procedures to :-

- Inhibit the desired and designed function of the equipment.
- Cause physical damage to the user or equipment during the exploitation.
- Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code.

7. Generic

IT equipment shall be IPv6 ready from day one.

8. **Generic**

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of OEM / OEM Certified resource or OEM authorised Reseller.

9. **Generic**

Manufacturer Authorization:Wherever Authorised Distributors/service providers are submitting the bid, At OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to

10. **Generic**

Non return of Hard Disk: As per Buyer organization's Security Policy,Faulty Hard Disk of Servers/Desktop C be returned back to the OEM/supplier against warranty replacement.

11. **Generic**

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

12. **Generic**

Scope of supply includes Training: Number of employees to be trained

2

, Place for Training

CSIR-IICT

and Duration of training

1

days.

13. **Generic**

The successful bidder has to supply all essential accessories required for the successful installation and comm Besides standard accessories as per normal industry practice, following accessories must be part of supply at price:

TOTAL SETUP ALONG WITH ALL ACCESSORIES ETC AS PER TECHNICAL SPECIFICATION ATTACHED

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14. **Generic**

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available terminate the Contract or any part thereof by a written notice to the Seller, if:

i) The Seller fails to comply with any material term of the Contract.

ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period otherwise becomes apparent.

iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to defective Material(s) promptly.

iv) The Seller becomes bankrupt or goes into liquidation.

v) The Seller makes a general assignment for the benefit of creditors.

vi) A receiver is appointed for any substantial property owned by the Seller.

vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order.

15. **Generic**

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of payment of GST.

16. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods

providing Statutory Clearances required (if any)

17. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

Technical specifications for Lecture Hall /Conference Hall Au

Supplied Audio Visual System should be suitable for conducting meet off-lime mode. Supplier should submit 3D layout of integrating all item with serial numbers as per tender document.

1. Technical Specifications for 100" Interactive Display: Quantity 1 No

Feature	Descriptions
Screen size	100" or higher
Resolution	UHD 3840 × 2160 pixels or Higher
Brightness (typical)	450 nits or Higher
Contrast ratio (typical)	5000:1 or Higher
Response time	4 ms or Better
Light life (typical)	50,000 hrs or Higher
Smart Eye protection	Interactive display should have smart eye protection.
Glass Hardness	4 mm tempered AG Glass or Better
Touch technology	Infrared touch
Touch points	20 touch points or Higher
Touch response time	4 ms or Better
CPU	Quad core 1.9 Ghz. or Better
Memory	4GB DDR3/DDR4 or Higher
Storage	32GB or Higher and expandable up to 512 GB
OS	Android 11.0 or Better
Input Ports (minimum)	3 × HDMI, 1x DP,1x VGA, 1x YBPR In, 1 x AV (3.5mm), (Micro SD), 1 x Slot-in PC (OPS) or Higher
Output Ports (minimum)	1 × HDMI, 1 x AV (3.5mm), 1x Earphone, 1x SPDIF or F
USB Ports (minimum)	5 × USB 3.0 Type A, 1 × USB Type C, 2 × USB Type B
Communication Ports (minimum)	1x RS232 In, 2 x RJ45 10/100 ethernet port (In & Out) c
Speaker	Stereo Sound with in-built 25 Watt x 2 speakers or bett
Magnetic pen holder	Should have inbuilt magnetic pen holder with up to two

Front Control buttons	Should have control buttons on Interactive display like Ack, Input, Interactivity functionality on/off & Power Button
Smart Multimedia Port	Should have Built in Type-c multimedia port on front side. Touch control, Internet Sharing and Fast charging using
SD Card Support	Should have provision to connect SD card supports up to
Built in Wi-fi & Hotspot	Should have inbuilt Dual band Wi-fi & Hotspot (2.4 & 5GHz)
Built-in Bluetooth	Should have inbuilt Bluetooth version 5.0 or latest
Whiteboard Interactive Software	Should have inbuilt whiteboard software for Android and software should be of same OEM as Interactive Display
Features	Interactive Display should have Wireless screen sharing, Quick access tool, Play Store Support, Inbuilt Cloud drive integration, Gesture Control, Split Screen, Smart USB Port (Hindi & English) only.
Virtual Keyboard	Device should have inbuilt virtual keyboard with English
Enhanced Security	Should have provision to lock all the USB port, Screen lock to prevent strict unwanted access.
Interactivity On/Off Button	Should have physical button on front of panel to enable/disable functionality of Display (Touch feature on/off)
Accessories	Wall mount Kit, 1x HDMI Cable (1.5 Meter), 1x USB A to Type-c Cable (1.5 Meter), 1x Remote Control & 2x Stylus
Certifications	BIS certification required, as per BIS manufacturing facility name of OEM & Product catalogue should be available. Non-compliance shall result the rejection of bid.
Device Management Software	The Software should be of same OEM as Interactive Display

2. Technical Specifications for Open Pluggable Specification(OPS) PC : Quantity 1 No

Parameter	Specifications
CPU	i5 10th Generation, 8 GB RAM, 256 GB SSD with Windows
I/O Ports	HDMI x 1, USB ports x 4, LAN Port x 1
Integration	For better compatibility and to avoid any integration issues, the device should be from same OEM.
Certifications	BIS certification required, as per BIS manufacturing facility name of OEM & Product catalogue should be available. Non-compliance shall result the rejection of bid.

3. Technical Specification of 4K UHD Video Conferencing Camera: Quantity 1 No

Specifications	Description
Sensor	1/2.5", CMOS, Max Effective Pixel: 8.3M
Scanning Mode	Progressive
Optical Zoom	12x or higher
Lens	f = 4.4mm ~ 52.8mm, F1.8 ~ F2.6
Shutter	1/30s ~ 1/10000s or better
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Field of View	82° or higher
Horizontal Rotation Range	±170° or higher
Vertical Rotation Range	±30° or higher
H & V Flip	Support
Number of Pre-set	255, 10 pre-sets on Remote control
Remote control	All the parameters of the camera can be remote communications

Input/Output Interface

Video Output	1xHDMI, 1x USB 3.0
Communication Interface	1xRS232 In, 1xRS485

Generic Specification

Certifications	BIS certification required, as per BIS manufacturing facility name of OEM & Product catalogue should be available. Non-compliance shall result the rejection of bid.
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4. Technical specification of Table flush mount Boundary Layer microphone: Quant

Parameter	Specifications
Microphone type	Should have push enable pop-up microphone design
Touch Button	Should have Touch enable button for Mic on/off with LED
Microphone directionality	Cardioid pattern
Frequency response	40Hz~18KHz
Microphone input impedance	200 Ω
Sensitivity	-40dBV/Pa

Maximum SPL	142dB (THD>3%)
SNR	>65dB(A) or better
Interface	3-Pin XLR
LED indication for Mute/Unmute	Supported
Power supply	DC 11-52V Phantom power
Installation	Table Flush Mount
Maximum Product Dimensions	86 mm Length, 40mm Diameter & 50 mm width

5. Technical Specifications of 8 -Port Audio Digital Signal Processor (DSP) : Quantit

Parameter	Specifications
Signal Processing	32-bit fixed/floating-point DSP 300MHz
Audio System Delay	< 1ms or better
Digital-Analog Conversion	24-bit or better
Sampling Rate	48KHz or better
Input Channel	8-channel balanced inputs, Mic/line level
Audio Interface	3.81 mm Phoenix plug, 12-pin
Input Impedance	11.5K Ω
Maximum Input Level	12dBu/Line, -9dBu/Mic
Phantom Power	+48VDC, 6.5mA, configured in each channel
Output Channel	8-channel balanced outputs, line level
Output Impedance	150 Ω
Frequency Response	20Hz-20kHz(+/-0.5dB)/Line 20Hz-20kHz(+/-1.5dB)/Mic
Total harmonic distortion (THD+N)	-90dB(@12dBu,1kHz,A-wt)/Line -86dB(@-7dBu,1kHz,A-wt)/Mic
Signal to Noise Ratio	105dB(@12dBu,1kHz,A-wt)/Line 95dB(@-7dBu,1kHz,A-wt)/Mic
USB Port	Micro-B type, drive-free
Serial port communication	1x RS232 Port, 1x RS485, or more
GPIO Port	10 pin GPIO port
TCP/IP Network Port	1x RJ-45 Port or more
Indicator Light	Power, network, Link, +48V, input and output audio sig
Menu selection button	Rotating button with selection function or better

Power Supply	AC100V---240V 50/60 Hz
Input/output requirements	Should have minimum 8 channels audio input & 8 channels support microphone input and line input with easily switchable
Level Sensitivity Adjustment	Each microphone input should have 9 levels of sensitivity
Phantom Power switching	Each input should have 48V phantom power switch
Audio mixing	Device should have automatic mixing and matrix mixers
PEQ Adjustment	Device should have minimum 16 bands PEQ adjustments PEQ adjustment for output Signals
PTZ camera control	Device should support PTZ camera Control to functionality

6. 50-Watt wall mount Speaker : Quantity 4 No

Parameter	Specifications
Speaker Type	2 Way drivers
Effective frequency range	80 Hz - 20 kHz
Rated power	50 watts
Sensitivity	90 dB or Better
LF transducer	5-inch woofer or better
HF transducer	1.5-inch tweeter or better
Mounting	With mounting bracket fixed by screw

7. 250- Watt Audio Amplifier: Quantity 1 No

Parameter	Specifications
Amplifier	Class D
Rated Power	250 W or better
Mic Input	Minimum 4 input or better
Line Input	Minimum 2 input or better
Output	MIX OUT: 1000mV / 470Ω unbalanced RCA connector
Mute Function	MIC 1 is prior to MIC2-4, AUX1-2 audio input; EMC is priority
Heat Dissipation	Side-in and rear-out forced fan cooling; fan starts automatically when turned on; infinitely variable speed
Protection	Overheat protection, overcurrent protection, short circuit protection
Power Supply	AC ~ 220V / 50Hz
Power Consumption	300W

8. 9U Wall mount Rack: Quantity 1 No

Parameter	Specifications
Type of Racks	Rack Enclosures
Size of Server Rack Enclosure	9U or better
Front glass Door	Should Available
Body Material used	CRCA Steel or better
Secure Locks	Should Available
PDU Power Strips	Should Available

9. Other Necessary Cable & Accessories for installation of compact multipurpose A 3-years warranty.

18. Service & Support

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consig warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only in evidence of having Functional Service Centre.

19. Service & Support

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone

20. Service & Support

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for

21. Warranty

Over and above the normal Warranty terms as per GeM GTC, the successful bidder / OEM shall have to provide during the entire Standard warranty period as per contract. : The comprehensive warranty shall be covering t

3 YEAR ALL EQUIPMENTS AND SET UP

(Upload an undertaking with the bid confirming compliance by the bidder if Bidder is taking onus of this compliance, OEM undertaking is to be uploaded along with Bidder undertaking)

22. Warranty

Successful bidder will have to ensure that adequate number of dedicated technical service personals / engine attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of c per Service level agreement indicated in the relevant clause of the bid.

23. Warranty

Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / s during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all su Performance Security (PBG).Cumulative Penalty cannot exceed more than 10% of the total contract value after right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides for liable to re-imburse the cost of such service / rectification to the Buyer.

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority, Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and cor eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifi conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resu as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum iss
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exer under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category i
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attache](#) per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifyir / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experienc
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case m

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this representation against the same by using the Representation window provided in the bid details field in Seller dashb within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be al reply to such representations.

All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / a limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any non-compliance contract and Buyer may take suitable actions as per GeM Contract.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shar this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration a immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी प्राधिकारी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---