



Institute of Infrastructure, Technology, Research And Management

(An Autonomous University Established by Government of Gujarat)

IITRAM Campus, Near Khokhra Circle,
Maninagar (East), Ahmedabad – 380026, Gujarat.

Contact No.: 079-67775430

E-mail: purchase@iitram.ac.in

Website: www.iitram.ac.in

Tender No.: 2024/04

Date: 18.01.2024

NOTICE INVITING TENDER

Important Information:

Name of Item(s):	Supply, Installation, Testing & Commissioning of equipments, items and works for ICT Enabled Skills Laboratory Setup
Date of Issue of Tender	18.01.2024
Tender Fee	Rs.1770/- (Including 18% GST) (Non-Refundable)
Earnest Money Deposit(EMD)	Rs.60,000/- (Refundable)
Last date and time for online bid/offer submission	08.02.2024 till 06.00 pm
Last date and time for bid/offer physical document submission	12.02.2024 till 05:00 pm
Date & Time for opening of technical bid/offer	14.02.2024 at 11:30 am
Date & Time for opening of financial bid/offer	To be informed later through email <i>(Will be informed only technically qualified bidders)</i>
Tender Inviting Authority and Address	The Registrar Institute of Infrastructure, Technology, Research And Management Near Khokhara Circle, Maninagar (East), Ahmedabad – 380026, Gujarat, India. Phone: - 079-67775430 e-Mail: purchase@iitram.ac.in

Institute of Infrastructure, Technology, Research And Management

NOTICE INVITING TENDER

Subject: Inviting bids through e-Tender format for Supply, Installation, Testing & Commissioning of equipments, items and works for ICT Enabled Skills Laboratory Setup

Institute of Infrastructure, Technology, Research And Management (IITRAM), Ahmedabad invites bids for “Supply, Installation, Testing & Commissioning of equipments, items and works for ICT Enabled Skills Laboratory Setup” under “TWO BID SYSTEM IN E-TENDER FORMAT”. Interested parties/bidders who wish to participate in this e-Tender may obtain/download the tender documents from IITRAM website i.e. www.iitram.ac.in or from (n)Procure portal i.e., <https://educationtender.nprocure.com/>. After submission of online bid on (n)Procure portal, the bidder(s) have to submit the technical bid/offer documents through RPAD, Speed Post or in Person till the last date and time prescribed for submission. Tender sent by other means will not be accepted in any case. Hardcopy of Technical Bid Documents, Tender Fee, EMD and other essential documents should be submitted on or before **12.02.2024 till 05:00 PM** in the office of the IITRAM Room No. G2, Near Khokhara Circle, Maninagar (East), Ahmedabad-380026, Gujarat. Financial bid is to be submitted in electronic form only on (n)Procure portal i.e., <https://educationtender.nprocure.com/>.

1. Eligibility Criteria:

- 1.1 The bidder should have valid PAN Card. Copy of PAN Card to be submitted.
- 1.2 The bidder should have valid GST Registration. Copy of GST Registration to be submitted.
- 1.3 The bidder has to submit (Photocopies) last three years Income Tax Returns.
- 1.4 The bidder has to submit (Photocopies) the Firm Registration Certificate.
- 1.5 The bidder should provide copy of minimum 02 (TWO) Contract(s)/Order(s) of successfully supplied/completed similar type of item(s)/work **costing at least Rs.10.00 lacs (Rupees: Ten Lacs Only) each during last 05 (five) years at Government Department/Organization/PSU/Autonomous Bodies/University/ Institutes.** Proof documents such as (i) Satisfactory completion /performance report (OR) (ii) proof of release of Performance Security after completion of the contract (OR) (iii) proof of settlement / release of final payment against the contract (OR) (iv) any other documentary evidence that can substantiate the satisfactory execution of each of the contract(s) cited above.

2. General Terms and Conditions:

- 2.1 The quoted price shall include taxes (if any), other levy payable, all freight, packing & forwarding, transportation, loading & unloading, custom duty, excise duty & other duties, other charges (if any) to supply the item(s)/goods at our site.
- 2.2 The rates quoted also shall include training, installation, commissioning, erection and demonstration of item(s)/goods at our site.
- 2.3 The items for which quotation have been submitted must be in accordance with the specifications given in **Annexure-I.**
- 2.4 The rates quoted by the firm shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 2.5 The offer shall be valid up to 90 (ninety) days from the date of opening of Technical bid/offer.
- 2.6 The tender is liable to be rejected if complete information is not given therein or if the particulars and date (if any) asked for in the scheduled tender are not fully filled in. Particular attention must be paid to delivery date and also to the particulars referred to in the condition of the contract.
- 2.7 Financial bids will be opened in online format of technically qualified bidders only.
- 2.8 Tender not complying with the above conditions are liable to be rejected at the sole discretion of IITRAM without any further reference/ communication.

- 2.9 This tender is not transferable.
- 2.10 IITRAM reserves its right to choose, accept or reject any or all requests/deviations/offers, in full or part and also reserve the right at any stage to reduce or increase the quantity and split the order.
- 2.11 The bidder has to submit duly signed & stamped photocopy of following documents:
- PAN Card of the firm
 - GST Registration Certificate
 - Last three years Income Tax Return (ITR) of their firm
 - Valid Firm Registration Certificate
 - Contract(s)/Order(s) of successfully supplied/completed similar type of item(s)/works as per **Sub-Clause (1.5) of Clause (1) 'Eligibility Criteria'**
 - All relevant Annexure(s)
- 2.12 **Performance Security:** The successful bidder shall be required to deposit Performance Security in form of (i) Account Payee Demand Draft (ii) Fixed Deposit Receipt from a Nationalized bank (iii) Bank Guarantee from a Nationalized bank, at the rate of **5%** of the total cost of contract, for the duration of warranty period plus additional two months, in favor of **"INSTITUTE OF INFRASTRUCTURE, TECHNOLOGY, RESEARCH AND MANAGEMENT"** from the date of installation of ordered item(s)/goods. No payment shall be released without performance security.
- 2.13 This Performance Security will be returned (without any interest) within 30 working days after satisfactorily completion of warranty period.
- 2.14 The successful bidder shall have to enter into the Agreement (Contract Form) in the prescribed Performa provided by IITRAM. (on Rs.300 Stamp Paper). The said agreement should be submitted by the respective bidder within 30 (thirty) days after the receipt of the contract/purchase order.
- 2.15 **Inspection:** Pre-dispatch inspection at Bidders site or inspection after the delivery of goods, as the case may be.
- 2.16 **Inspection Charges** @0.5% within Gujarat State and Inspection Charges @1% for outside Gujarat State of the total order value, if required, should be borne by the bidder.
- 2.17 All or any Claim(s), dispute(s) or difference(s) arising out of or in with connection with this agreement shall be subject to the jurisdiction of the Courts at Ahmedabad only.
- 2.18 If any civil work is required to be done for installation and commissioning of the ordered item(s)/goods, then the supplier shall arrange the essential drawing. For this, prior permission of IITRAM's authority is required. The cost of such work is to be borne by the supplier.
- 2.19 Any loss or damage caused to the article in transit/installation/testing is to be made up by the firm free of cost within period of 30 days.
- 2.20 Standard toolkit required for the item(s)/goods to be supplied.
- 2.21 If the firm is blacklisted by Central Government or State Government or any other Government body, then the submitted tender will be rejected. It is essential for firm to submit **Annexure- V** duly filled, signed, sealed & stamped manner in hardcopy, failing which the tender will be summarily rejected.
- 2.22 If there happens to be a holiday on any date indicated in this tender notice, the transaction shall be performed on the next working day.
- 2.23 In case the tender is cancelled, the tender fee will not be refunded to the concerned bidder.
- 2.24 The tender/bid (i.e. technical bid/offer) will be opened on **14.02.2024, 11:30 AM** at IITRAM Ahmedabad Premises. No separate information shall be given to individual bidders.
- The bidders or their authorized representative may remain present during the opening of the Technical bid, if they desire so, at their own expenses. The required technical specifications for the cited item(s)/goods is mentioned in Annexure-I.
 - Only those financial bids will be opened whose technical offers/bids are found suitable by the expert panel/committee appointed for the concerned item(s)/goods. The respective dates for opening of financial bid shall be informed to the technically qualified bidder(s) through email only.
 - In incomparable situation, the committee may negotiate price with the technically and financially qualified bidder before awarding the offer.

- The tender committee reserves its right to select or reject any or all of the item(s) mentioned above without assigning any reasons.
- 2.25 If the bidder fails to meet any of the above eligibility criteria/ fails to submit the adequate testimonials in support of the above mentioned requirement will be disqualified.
- 2.26 Any effort by a bidder to influence IITRAM's tender evaluation, tender comparison or contract/order award decisions may result in the rejection of the bidder's tender and forfeiture of the bidder's EMD.
- 2.27 After opening of bids, information relating to the examination, clarification, evaluation and comparisons of bids and recommendations concerning the award of contract shall not be disclosed to bidders or other persons not officially concerned with such process.
- 2.28 In the event of any dispute or difference(s) between the vendee (IITRAM Ahmedabad) and the bidder(s) arising out of non-supply of material or supplies not found according to the specifications or any other cause whatsoever relating to the supply or purchase order before or after the supply has been executed, shall be referred to the concerned authority of IITRAM Ahmedabad who may decide the matter himself or may appoint arbitrator(s) under the arbitration and conciliation Act 1996. The decision of the arbitrator shall be final and binding on both the parties.
- 2.29 No firm shall withdraw their rates after the Tender is opened. If a firm does so, their tender related deposit/s shall be forfeited and such firm shall be considered ineligible for work/contract in future.

3. Submission of bid:

- 3.1 The Tender documents can be downloaded from Institute's website i.e., www.iitram.ac.in or (N)Procure portal i.e., <https://educationtender.nprocure.com/>. The bidder(s) are required to submit the Tender Acceptance Letter (**Annexure - IV**) endorsed by seal and signature as acceptance of terms and conditions of this tender. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.
- 3.2 The fully filled in and complete in all respect tender must be submitted with Tender Fee and EMD through Electronic Transfer / Demand Draft. Bank/DD details are as follows:

For Electronic Transfer, Bank Account details are as follows:

Account Name: Institute of Infrastructure, Technology, Research And Management
Account No.: 923010019592531
Bank Name: AXIS BANK LTD
IFSC Code: UTIB0002645
Branch Name: Hatkeshwar Ahm GJ, Ahmedabad – 380026.

Note: Kindly submit Electronic Transfer advise with UTR details along with bid document.

OR

Demand Draft in favor of the "INSTITUTE OF INFRASTRUCTURE, TECHNOLOGY, RESEARCH AND MANAGEMENT" payable at Ahmedabad. Please mention Tender number and name of the firm on back side of DD.

- 3.3 Bidders registered with Micro and Small Enterprises (MSEs) and having valid MSE Certificate will be considered for relaxation of EMD. In view of the above, if the bidder will claim for EMD exemptions, the bidder should meet all the criteria for Micro and Small Enterprises. The bidder must submit the supporting document i.e. MSME registration certificate issued by competent government bodies (i.e. issued by Government of Gujarat & Government of India only) to become eligible for the EMD exemptions. The registration certificate (MSE) of the bidder must cover the items tendered to get EMD exemptions.
- 3.4 The EMD is refundable (without any interest) within 30 (thirty) working days after successful award of Purchase Order:
- 3.4.1 EMD of unsuccessful bidder(s) will be returned within 30 (thirty) working days from the date of award of offer/contract.
- 3.4.2 EMD of successful bidder(s) will be returned within 30 (thirty) working days after submission of a Performance Security.

3.4.3 The EMD shall be forfeited:

- If bidder(s) withdraws their bid during the period of bid validity specified in this tender notice; and/or
- In case of a successful Bidder fails, (i) To sign the contract agreement and (ii) To furnish a performance security.

3.5 The firm has to submit the Tender in two parts viz., (a) Technical bid/offer in *envelop No. (1)* and (b) Tender Fee & EMD in *envelope No. (2)*; both these envelopes should be sealed and put together in a *main covering envelope*, super scribed with – Please Don't Open, Bid for "*Tender for Supply, Installation, Testing & Commissioning of equipments, items and works for ICT Enabled Skills Laboratory Setup*" with due date, Tender Number and complete address along with contact number and email id.

3.6 **The bidder has to specify the make, model, and detailed technical specifications of the quoted/offered item(s) and attach a separate compliance sheet if any deviation compares to the technical specifications mentioned in Annexure-I. Mere copying of the expected technical details into the product details will not be entertained and may even lead to disqualification of the bidder.**

3.7 **The bidder must produce the brochure, model and the make of the product being offered.**

3.8 It is essential for firm to submit **ANNEXURE(s), Tender documents and other essential documents** as mentioned in this tender notice **with duly filled, signed, sealed & stamped manner in hardcopy**, failing which that bidder's/firm's tender will be summarily rejected.

3.9 The "**Financial Bid**" to be filled as per **ANNEXURE – 'II'** and **should be submitted online only at (n)Procure Portal** as 'Financial Bid'. Rates quoted 'ONLINE' will only be considered.

4. Evaluation of Quotations:

The tender evaluation committee of the IITRAM will evaluate and compare the received quotations/bids to determine the substantially responsive tender i.e. (i) tender is complete (ii) properly signed (iii) confirm the terms/conditions and specifications. Further, the financial evaluation will be done only for the substantially responsive tender based on the following parameter(s):

- Total price quoted (ONLINE) at (n)Procure portal as a Financial Bid

5. Award of Contract:

5.1 IITRAM will award the contract to the firm who has offered lowest price.

5.2 Notwithstanding the above, IITRAM reserves the right to accept or reject any quotation and to cancel the bidding process and reject all quotations at any time prior to the award of contract without giving any reason.

5.3 The firm whose bid is accepted will be notified of the award of contract by the IITRAM prior to expiration of the bid validity period. The terms of the accepted offer shall be incorporated in the Purchase Order.

6. Work Completion Period & Penalty:

6.1 **Work Completion Period:** The allotted work (**Including Supply, Installation, Testing & Commissioning of all equipment's/item(s)**) should be completed within a maximum time limit of 90 (NINETY) days from the issue date of Purchase Order.

6.2 **Penalty:** Penalty of 1% per week of order value will be charged after duration specified above individually. Further, 06 weeks or above delay from above mention days may lead to cancellation of order at the discretion of the university and forfeiting the Performance Security or EMD or Maximum penalty shall be applicable @10%.

7. Warranty:

7.1 Minimum 01 (ONE) year complete warranty from the date of complete installation, commissioning and erection of all item(s)/goods at our site. During the warranty period, the services have to provide onsite.

8. Terms of Payment:

- 8.1 **Payment:** 100% payment shall be released within 30 (thirty) working days on satisfactory receipt, installation, testing and commissioning of the ordered item(s)/goods at our site, submission of clear Tax-Invoice(s) and supporting documents.
- 8.2 Advance payment will not be made under any circumstances.
- 8.3 Recoveries as per the Institute's norms shall be made while making payment (if any) without prior intimation to the supplier.

9. Address for the submission of bid/offer documents:

The Registrar
Institute of Infrastructure, Technology, Research And Management
Room No. G2,
Near Khokhara Circle, Maninagar (East),
Ahmedabad- 380026, Gujarat, INDIA.
Email: purchase@iitram.ac.in

**Sd/-
REGISTRAR**

(Schedule of Quantity)

Name of Item(s): Supply, Installation, Testing & Commissioning of equipments, items and works for ICT Enabled Skills Laboratory Setup

Details Project Report for 40+1 Seats Skills Enhancement Lab

(Approx. area 1000 sq. ft.)

ELECTRONIC GADGETS		Required Qty.
1.	<p>Master Computer based console with computer & necessary wiring, following add on, etc.</p> <ol style="list-style-type: none"> 1) Digital Signal Processing facility for audio/video Playback / recording. 2) Audio channels connected to DSP through optical fiber cables. 3) Provision for creating individual audio channels for 1 inputs & 32 outputs. 4) Self-contained for any audio / video application / video conferencing / E-learning / Webinar, etc. <p>Intel Core i-7 Processor, Intel Chipset, 8 GB DDR3/4 RAM, 1 TB SSD, 21.5" LED Screen, wireless Keyboard & Mouse, Graphic Card 2 GB</p> <ol style="list-style-type: none"> (1) Digital Signal Processing facility for audio Playback / recording. <ul style="list-style-type: none"> • On-board 8-channel and 8-channel surround mixer • On-board DSP-effects (master verb a professional reverb), filters, dynamic effects, modulation effects, etc.) • mixer and effects can be used live - zero latency, perfect monitoring • unique audio driver management which suits our existing applications • compatible with the huge SCOPE DSP Plug-In Library (2) Audio channels connected to DSP through optical fibre cables. <ul style="list-style-type: none"> • 3.5MM TO 3.5MM FIBRE OPTIC CABLE has Plastic fibre optic operates wavelength of 650nm. • 3.5MM TO 3.5MM FIBRE OPTIC CABLE has Transmission frequency bandwidth is DC 10MHz. • 3.5MM TO 3.5MM FIBRE OPTIC CABLE has Signal Loss less than 1.5db. • 3.5MM TO 3.5MM FIBRE OPTIC CABLE has Transmission loss is 0.2db/m. • 3.5MM TO 3.5MM FIBRE OPTIC CABLE has Transmission frequency bandwidth up to 6MHz. • 3.5MM TO 3.5MM FIBRE OPTIC CABLE is Suitable for interconnect between advanced equipment (3) Provision for creating individual audio channels for 1 inputs & 8 outputs. <ul style="list-style-type: none"> • Ultra-high quality 8-channel A/D and D/A interface for virtually any digital recording/mixing environment • 8 state-of-the-art Midas designed Mic Preamplifiers • Phantom power on all microphone inputs • Processes 48 and 44.1 kHz sample rates • External sample rate synchronization via word clock or ADAT input • Optical ADAT in/out interface for ultimate compatibility • All mic/line inputs are routed to the ADAT output • ADAT input can be routed to all Line outputs • Approx. Product Dimensions: 48.31 x 21.49 x 4.45 cm; 2.1 Kilograms • High-quality components and exceptionally rugged construction ensure long life (4) Self-contained for any audio / e-learning, etc. <p>State-of-the-art 8-channel A/D (Analog to Digital) and D/A converter with 8 built-in IMP, or Invisible Microphone Preamps. Record directly to multi-track or computer-based recorder, built-in ADAT interface. Conversely, the ADA8000 can be used to convert digital signals from soundcards and other multi-track devices, back into analog audio.</p> <p>Digital Signal Processing Cards for generating audio channels through AD/DA Converter Connected using optical fibre Cables.</p> 	01

	<p>PCI-Card for PC with SHARC DSPs</p> <ul style="list-style-type: none"> • stereo analogue-IO and stereo S/P-DIF digital-IO • all IOs are 24-Bit / 96 kHz • extendable to 36 IOs via ADAT/Z-Link IO Expansion (2 x ADAT IO + Z-Link) • simultaneous use of all IOs • high-speed-driver for ASIO 2.0, DirectSound, MME, triple DAT, GSIF, Sound Manager • MIDI Interface (In & Out) 	
2.	<p>Inverter (1 KVA Capacity) With battery 150amp Tubular</p> <p>Inverter Output</p> <p>Batt out volt 12.0</p> <p>Batteries & Runtime</p> <p>Battery Volt-Amp-Hour Capacity 150</p> <p>Battery Type Tubular battery</p> <p>Battery mounting Stand-alone</p> <p>Expected Battery Life (years) 2 - 3</p> <p>Physical</p> <p>Net Weight 60 KG approx.</p> <p>Battery Backup 60 Min. approx.</p>	01
3.	<p>Interactive Touch Display (75" size) Full High Definition Supplied with all necessary accessories including wall mount kit</p> <p>Size 75"</p> <p>Backlight Type D-LED</p> <p>RAM+ROM 4GB+32GB</p> <p>OS Android 11</p> <p>Resolution 3840x2160</p> <p>Brightness 500cd/m²</p> <p>Contrast Ratio 5000:1</p> <p>Response Time 8ms</p> <p>Refreshing Frequency 60Hz</p> <p>Viewing Angle 178°(H) / 178°(V)</p> <p>Life Time 50,000 hrs</p> <p>View Area 1649.66(H)x927(V)</p> <p>Product Size (W xD x H) 1741.7x103.4x1060.2(mm)</p> <p>Weight (kg) 58</p> <p>GPU MaliG51</p> <p>Audio Output 2 x 20W</p> <p>Interface HDMI x3, DP IN x1, VGA IN x1, AV INx1, YPBPR INx1, OPS (optional) x1, LANx1,USBx4, Touch-USBx2</p> <p>Sensing Type Infrared Touch Frame</p> <p>Surface Protection 4mm Toughened Glass</p> <p>Infrared Touch 20 Points</p> <p>Interpolation Resolution 32768 x32768</p> <p>Touch Accuracy ±1mm</p> <p>Output Mode HID Standard</p> <p>Theory Clicks Unlimited</p> <p>Connect Type USB2.0 Full Speed</p> <p>Power Requirements AC 100 V ~ 240 V, 50/60 Hz</p> <p>Standby Condition <0.5W</p> <p>Android Multiple Touch</p> <p>Housing Material Aluminium/Metal plate</p> <p>VESA 4-M8 Screw Hole (600x400mm)</p> <p>Accessories: Remote Controlx1, Touch Penx1, Power Cordx1, Wall Mountx1</p>	01
4.	<p>Home Theatre Sound System</p> <p>Compatible Devices : TV, PC, Mobiles, Laptop, Computer, etc.</p> <p>Special Features : Subwoofer, Remote Control</p>	01

	Speaker Connectivity : AUX, USB, RCA, Bluetooth Audio Wattage : 45 Watts Voltage : 220 Volts Total USB Ports : 1 Supports Bluetooth Technology: Yes Item Weight : Approx. 6 – 7 kg																			
5.	Head phone with socket & mic GENERAL <table border="1"> <tr> <td>Package Dimensions</td> <td>21.8 x 17.2 x 8.1 cm; 150 Grams</td> </tr> <tr> <td>Hardware Platform</td> <td>PC</td> </tr> <tr> <td>Special Features</td> <td>Volume Control</td> </tr> <tr> <td>Mounting Hardware</td> <td>Cable</td> </tr> <tr> <td>Microphone Form Factor</td> <td>With microphone</td> </tr> <tr> <td>Headphones Form Factor</td> <td>On Ear</td> </tr> <tr> <td>Connector Type</td> <td>Wired</td> </tr> <tr> <td>Material</td> <td>Faux Leather</td> </tr> <tr> <td>Item Weight</td> <td>150 g</td> </tr> </table>	Package Dimensions	21.8 x 17.2 x 8.1 cm; 150 Grams	Hardware Platform	PC	Special Features	Volume Control	Mounting Hardware	Cable	Microphone Form Factor	With microphone	Headphones Form Factor	On Ear	Connector Type	Wired	Material	Faux Leather	Item Weight	150 g	33
Package Dimensions	21.8 x 17.2 x 8.1 cm; 150 Grams																			
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Item Weight	150 g																			
TECHNICAL																				
1.	Skills Lab Installation including all kind of taxes, labour works, transportation, installation charges, etc.																			
2.	Technical knowhow and Human Resourcing Training for 2 days																			
3.	<p><u>Lifetime Licensed modules:</u></p> <p>Software environment</p> <ul style="list-style-type: none"> It is expected that the system will preferably adopt a Digital audio/video console approach. The preference is for in-house developed audio/video registered software required for language learning along with voice and accent training. <p>Hardware environment</p> <ul style="list-style-type: none"> The system must operate on a console mode and should be programmable to form one-to-one to any number of groups of students as per requirement. Graphical analysis of voice and accent training must be possible. Learner’s audio recording should be possible for analytical/examination point of view. Simultaneous recording facility must be available if required. Listening facilities at 40 seats while recording facilities at first 8 seats. <p>ADD AUDIO EXERCISES</p> <ul style="list-style-type: none"> Flexibility may be provided for the teachers to add their own exercises in speech practice module to help student improve his/her pronunciation. Added lessons should be embedded and be part of the pronunciation software/ module for the student. All the features like wave comparison should be functional. <p>Video / Audio broadcast Facilitate faculty to broadcast Audio in real time to selected/all students.</p> <p>Conduct class</p> <p>Communication with students Teacher may communicate with students through audio chat. Teacher may form groups, assign students to each group and facilitate group discussion.</p>																			

Review student performance

Student's performance like the time of study, duration for studying each module, performance in the voice and accent training should be recorded on the digital console operated by the teacher.

Speech practice exercises completed by the students should be monitored by the teacher on the large screen with graphical analysis possible. Teacher should have facility to view wave comparison on console side during the lab session.

The course material should be in line to:**Enhance the student Communication Skills: Language Skills:**

To enhance student's capabilities of using English in everyday communication situations and to provide the student with an opportunity to test his or her language skills and perfect the pronunciation to handle situations in highly competitive corporate world. Vocabulary building & aptitude module to help students aspiring for higher education and job placement.

Training in Soft Skills:

To train students in crucial soft skills to help them to be succeed in recruitment process. Soft skills will also be helpful for students in their day-to-day activities all through their life.

Specific Features**Proposed systems must have:****Teacher console**

- Audio chat (one-one/group)
- Full control of student (audio/file transmission, etc.)
- Provision for faculty to add new resources
- Provision to include practice words in phonetics and vocabulary modules
- Audio broadcasting facility
- Usage of General Indian English and content developed keeping the Indian context would be preferred

Digital language lab

- Phonetics
- Listening Skills with technical topics.
- Reading Skills
- Writing skills
- Vocabulary Building
- Situational Dialogues
- Grammar
- Describing Objects/People/Situation
- Conversations of topics for students
- Giving Directions

Advanced Communication Skills

- Functional English
- Reading Comprehension
- Role Play
- Debate
- Public Speech
- Just A Minute
- Group discussion
- Presentation Skills

Communication Courses must include,

- Pre Basic Communicative English – 1 Hour – 102 Days
- Communicative English (Level-I) – 1 Hours – 52 Days
- Communicative English (Level-II) – 1 Hours – 52 Days

	<ul style="list-style-type: none"> • Communicative English for Professionals – 1.5 Hours – 52 Days • Group Discussion and Personal Interview Skill - 2 Hours – 15 Days • Body Language Skill - 12 Hours • Presentation Skill - 12 Hours <p>Activity based practical training Module Entire course should be Activity based practical training. Institute may ask for an onsite demo for all participating company to show all the features mentioned above as part of selection if required.</p>						
4.	<p>Licensed Software Windows 10/11, Scope, Cubase Specification</p> <ul style="list-style-type: none"> • Routing Environment • Ultra Low Latency Driver • Seem less sequencer Integration <p>DSP Effects, Samplers and Modular Packages</p>						
5.	<p>Anti-Virus</p> <ol style="list-style-type: none"> 1. Email protection: Yes 2. Antivirus protection: Yes 3. Features: Automatically scans external storage device, protects USB drives from autorun infections, Anti Malware functions, silent firewall and IDS/IPS assurance, Intrusion detection and prevention, AntiSpyWare, Anti-Rootkit, Firewall protection, Self-protection, Browsing protection, Zero-time protection, privacy protection, Flash drive protection, Entertainment Mode, Emergency Disk, Boot time scan, Provides cloud based web protection, Detects and removes potentially unwanted applications (PAUs) <p>Subscription validity: 1 Year</p>						
FURNITURE AND FIXTURE							
Wooden Furniture:							
1.	<table border="1"> <tr> <td>Podium Podium using particle board, laminates, Beading Patti's, Fevicol, Nails, Screws, Abro tapes cuttings, etc. Material: High quality, ISI Marked.</td> <td style="text-align: center;">01</td> </tr> <tr> <td>Console cabinet using Laminate, Teakwood Beading Patti's, Fevicol, Nails, Screws, Abro tapes cuttings, etc.</td> <td style="text-align: center;">01</td> </tr> <tr> <td>Cabinet for inverter using Laminate, Teakwood Beading Patti's, Fevicol, Nails, Screws, Abro tapes cuttings, etc.</td> <td style="text-align: center;">01</td> </tr> </table>	Podium Podium using particle board, laminates, Beading Patti's, Fevicol, Nails, Screws, Abro tapes cuttings, etc. Material: High quality, ISI Marked.	01	Console cabinet using Laminate, Teakwood Beading Patti's, Fevicol, Nails, Screws, Abro tapes cuttings, etc.	01	Cabinet for inverter using Laminate, Teakwood Beading Patti's, Fevicol, Nails, Screws, Abro tapes cuttings, etc.	01
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ACOUSTICS – COLOR – ELECTRIFICATION & OTHERS							
Acoustics work:							
1.	<table border="1"> <tr> <td>Acoustics work: Gyp. Perforated wall panelling work</td> <td style="text-align: center;">1000 sq. ft.</td> </tr> </table>	Acoustics work: Gyp. Perforated wall panelling work	1000 sq. ft.				
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2.	Colour work with putty etc. (using best quality plastic paint) (1000 sq. ft.)						
3.	<p>Electrification: ISI marked Wires, Switches & Metal Boxes, etc. Size - 22 / 0.3mm (1.5 SQ mm) BC, Material: Flame Retardant PVC Insulated, Color: Blue/ RED/ BLACK/ Green Package Contents: 1-Piece Fire Retardant Wire ISI marked</p> <p>Flame retardant wire PVC insulated cable Single core copper conductor flexible, 1100 volts</p> <table border="1"> <tr> <td>ISI marked Wires, Switches & Metal Boxes, etc. MCB, ELCB, etc. 1P Single MCB, four Pole ELCB</td> <td style="text-align: center;">01 set</td> </tr> </table>	ISI marked Wires, Switches & Metal Boxes, etc. MCB, ELCB, etc. 1P Single MCB, four Pole ELCB	01 set				
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4.	<p>Electrification (Master Computer Console wiring with material) Life Line S3 1.5 sq mm FR PVC Insulated Industrial Cables</p>						

5.	Miscellaneous wall panelling	
6.	Civil work like closing windows, finishing of wall with material, etc.	
7.	Course Material for Students - Hard Copy	04 Books

FINANCIAL BID

(Format for Submission of Financial Details)

(Data Sheet to be submitted ONLY Online at (n)Procure Portal)

Sr. No.	Name of Item(s)	Total Amount (Without GST) (INR)	GST Slab Rate (%)
A	B	C	D
1.	Supply, Installation, Testing & Commissioning of equipments, items and works for ICT Enabled Skills Laboratory Setup - (as per Annexure-I)		

This table of Financial Bid is stated for reference purpose only and please do not disclose any price here at the time of submission of this document.

Declaration:

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

Seal & Signature of Company

Date: _____

Place: _____

*(To be printed on firm's letterhead)***FORMAT FOR SUBMISSION OF BIDDER'S INFORMATION**

1	Registered Name of the Bidder:	
2	Registered Office Address: Contact Number Fax Number E-Mail	
3	Correspondence Address: Contact Number Fax Number E-Mail	
4	Details of the authorized person: (Name, Designation, Address) Contact Number Fax Number E-Mail	
5	Bidder Registration Type - <ul style="list-style-type: none"> • Proprietary Firm • Partnership Firm (if yes, give partnership deed) • Company or LLP • Government/ Public Sector Undertaking • Member of a group of companies (if yes, give name, address & details of group companies) • Subsidiary of a large corporation (if yes, give the name & address of the parent organization) If the company is subsidiary, state what involvement will the parent company have in the project.	
6	Permanent Account Number (PAN):	
7	Goods & Service Tax Number (GST):	
8	<u>Particulars of Bank Account</u> Name of the Bank: Name of the Branch: Branch Code: Address & Contact Details: IFSC Code: Type of Bank Account: Bank Account No.:	

Seal & Signature of Company**Date:** _____**Place:** _____

(To be printed on firm's letterhead)

TENDER ACCEPTANCE LETTER

To,
The Registrar
Institute of Infrastructure, Technology, Research And Management
Near Khokhra Circle, Maninagar (East),
Ahmedabad – 380026, Gujarat.

Subject: **Acceptance of Terms & Conditions of the Tender**

Tender Reference No: _____

Name of Tender / Work: **Supply, Installation, Testing & Commissioning of equipments, items and works for ICT Enabled Skills Laboratory Setup**

Dear Sir,

1. I/We have downloaded/obtained the tender document(s) for the above mentioned “Tender/Work” from the web site(s) namely: _____
2. I/We hereby certify that I/we have read the entire terms and conditions of the tender documents (including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I/we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department / organizations too have also been taken into consideration, while submitting this acceptance letter.
4. I/We hereby declare that I/We have carefully studied the conditions of contract, specifications and other tender documents of this work and unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I/We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking/Govt. Autonomous organizations.
6. I/We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore can summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full EMD/SD absolutely.

Yours faithfully,

(Signature of the Bidder, with Official Seal)

(To be printed on firm's letter head)

UNDERTAKING

I, _____ hereby declare that Firm / Company / Agency / Organization / Partnership firm / Proprietary firm titled as _____ has not been blacklisted or banned or debarred at any stage from inception till this date by any of the NITs / IITs / IIITs / Central Universities / IISERs / CSIR Labs Central and State Government body / PSUs / Autonomous Institute or any Other Government Organization. In case of the any fraudulency, the Firm / Company / Agency / Organization / Partnership firm / Proprietary firm is fully aware that the tender / contract will be rejected / cancelled by IITRAM and EMD / Performance Security or any deposited amount shall be forfeited.

In addition to above, IITRAM will not be responsible to pay the bills for any completed / partially completed/supplied work.

Seal and Signature of Company

Date: _____

Place: _____