



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

(An autonomous Institute under the aegis of Ministry of HRD, Government of India)
Sector A-7, Institutional Area, Narela, Delhi - 1 10040 (INDIA)
Phone No. +9111 – 27787492-497, Fax No. +9111 - 27787503
Website: www.nitdelhi.ac.in

NOTICE INVITING TENDER

Ref. No. NITD/03/STORES/50/2013

Dt. 17/07/2014

Sealed tender (Technical and Financial) are invited on behalf of Deputy Registrar, NIT Delhi from **Authorized representative of company** for supply of **Multimedia Interactive Language lab (MILL) for NIT Delhi**

Specifications are given in Annexure-I. Please send your offer super-scribing on the envelop **“Quotation for Multimedia Interactive Language lab for NIT Delhi”**

a) Last date of receipt of quotation	25-08-2014 (3.30 PM)
b) Opening of quotation	25-08-2014 (4.00 PM)

Quotations should reach to **Deputy Registrar, National Institute of Technology Delhi, IAMR campus, Institutional Area, Sector A-7, Near Satyawadi Raja Harish Chandra Hospital, Narela, Delhi – 110040**. The quotations will be opened by the Committee duly constituted for the purpose in the presence of the bidders, who-so-ever may wish to be present.

In the case of the due date of receipt and opening of the tender being declared as holiday for the Institute, then due date of receipt / opening of the tender will be the next working day at the same time.

The tender document duly signed and stamped on each page shall be submitted in original with bid as a proof to confirm the acceptance of the entire terms and conditions of tender. Any amendment and /or addition made to the tender are not permissible after opening of the tender. Incomplete tenders will be rejected.

TERMS AND CONDITIONS:

1. All the tenders/enquiries should be addressed to the NIT, Delhi.
2. In case you do not comply with the instructions and all the conditions, tenders shall not be considered.
3. The Institute being an Educational Institution, a special rebate/discount may be allowed.
4. Tenders without ST/CST number will be invalid.
5. Financial bid will be opened only after the specifications of technical bid meets our requirements.

6. The bidder should have developed similar labs to at least five reputed state/central government educational/research institutions. Supporting documents like purchase orders, work completion certificates should be attached with the bid.
7. The bidder should be an Authorized Distributor/registered company for MILL quoted in the Tender; a certificate to this effect should be attached with the bid.
8. The bidder should have a Service Center in Delhi/NCR. Supporting documents mentioning the address of the Service Center with telephone and FAX numbers should be attached with the bid.
9. The bidder should have an experience of dealing in this lab for the past 3 years and should produce CA certified conformation in this regards.
10. The bidder shall be required to enclose the Earnest Money (EMD) of 10% of the total cost of the items quoted by way of Demand Draft only. The Demand Draft shall be drawn in favour of **“The Director, NIT Delhi”** payable at New Delhi.
11. Any bid without the Demand Drafts of EMD is liable to be rejected. The Institute will not pay any interest on such amount.
12. The bidder should furnish photocopies of the PAN and TIN.
13. **The bidder has to recommission the lab into new/permanent campus when it comes into existence.**
14. Bid must be quoted with three years comprehensive on-site Warranty and it will be started from the date of the satisfactory installation / commissioning of the lab.
15. A Technical compliance sheet, in the format given in Annexure-II, clearly indicating vendors' specifications against the Institute's specifications should be provided. If a compliance sheet is not furnished, the bid would be rejected.
16. The financial bid should be typed in the format given in Annexure –III and signed in ink legibly giving full address of the bidder. The rate should be quoted both in words and figures. All the pages of the bid should be duly signed by the authorized person affixing the seal. Overwriting and corrections should be avoided. However, all cuttings /corrections overwriting must be duly authenticated otherwise the tender shall be invalidated.
17. Technical printed brochures mentioning the details should be attached with the bid.
18. The rates should be quoted in Indian Rupee including all taxes and freight charges at FOR destination at NIT Delhi at Institute of Applied Manpower Research (IAMR Campus) A-7, Institutional Area, Near Satyawadi Raja Harish Chandra Hospital, Narela, Delhi – 110040 on Door Delivery Basis.

19. The rate quoted should be inclusive of commissioning, installation, and training of trainer.
20. Tender must indicate a delivery schedule, which in no case should exceed 3 weeks from the date of placement of order.
21. Validity of the tender should be at least 90 days from the date of opening of the tender. No claim for escalation of the rate will be considered after opening of the tender.
22. Selected bidders may be invited for demonstration of their products at NIT Delhi, Institute of Applied Manpower Research (IAMR Campus), A-7, Institutional Area, Near Satyawadi Raja Harish Chandra Hospital, Narela, Delhi – 110040.
23. Payment will be released after delivery and successful installation.
24. The specifications shown are approximate and may vary as per requirement of the institute at the time of placing the order.
25. NIT Delhi reserves the right to cancel the tender/bids in part or in whole/split without assigning any reason thereof at any stage prior to award of contract. The decision of the Director, NIT Delhi shall be final and binding on all the bidders.
26. All disputes should be within the jurisdiction of Delhi.

ANNEXURE-I TECHNICAL SPECIFICATIONS

Item No	Item	Technical specifications
1	For Teacher & Students language Software	Brand: Any International reputed brand to be mentioned by the bidder Model: Any International reputed brand to be mentioned by the bidder Country of Origin: USA, UK, Japan, Germany, Finland Country of Manufacturer: USA, UK, Japan, Germany, Finland
1.1		The Digital Language Lab Control/communication Systems/Module supporting one teacher station and Fourty student stations. The learning system includes all the features and functions that are essential for effective and enjoyable teaching and learning, such as pre-set language learning activities, screen transfer features, audio and text communication tools, web browsing and program launch capabilities, file functions and classroom management and control features.
1.2		The students can be divided into six different sessions. The sessions can be controlled separately and can simultaneously perform different activities.
1.3		The system should provide the teacher to control the whole class with different Controlling tool like Lock students screen, lock Students keyboard and mouse, take remote control of student computer, shutdown student computer.
1.4		The teacher should be able to send the instructor's screen, audio, video and text based content to student's consoles for teacher presentations or broadcast any students screen to other students
1.5		The teacher should be able to disable the student's stations from the teacher's station control panel.
1.6		Teachers and students should be able to interact (speaking /listening) using headset with built-in microphone. Either for a single student or a group of student or whole class.
1.7		The system should have a media library area which will enable a teacher to upload audio, video and texts based content and integrate into customized study modules which should enable a multi teacher access facility for sharing, and collaborating content resources remotely across the campus.
1.8		The teacher should be able to create session modules for students to access a content management library on the media activity dashboard for self-study even when the teacher is not present in class.
1.9		The Examination Module is a valuable teaching tool that simplifies the creation and administering of tests. The Examination Module includes a 6-step "wizard" application that assists and guides teachers in the creation of tests. The flexibility of the Examination Module allows teachers to easily vary the types of test questions and to edit any existing tests. The Examination Wizard allows instructors to design any type of questions to test a particular skill or student ability. Teachers may even set the time and outline instructions for tests before administering them, as well as preview entire exams.
1.10		The System should facilitate teacher to create different group and perform group discussion or pair discussion at the same time for different group and record their discussion.
1.11		The System should be able to perform reading aloud activity for more than one student or for whole class at the same time without disturbing the others and record their reading. And where teacher can listen their reading student wise.
2	Model Imitation	Students listen to and repeat after a model track to practice the stress rhythm and intonation of a foreign language, while their voices are recorded onto the student track. You can either use sources with ready-made pauses in them or manually pause the audio source during the activity.
3	Round table discussion	Round table discussion allows teachers to set up small student groups with a designated chairman, who leads the discussion and assigns turns during the discussion by passing a microphone around the group. The activity allows teachers to set up a meeting environment to help advanced language learners strengthen their oral presentation skills. Chairmen and participants for the groups

		can be defined either manually or with automatic options. Student applications display a list of discussion participants and chairman and students can request the microphone by clicking a request button. Teacher can listen in on each group and participate in the discussion when needed.
4	Content Exercise	The Content exercise activity is used together with either ready-made or custom content.
5	Vocabulary Test	The activity allows teachers to easily conduct word quiz -type language learning tests. The teacher can either enter the quiz words manually or by importing a ready word list and students will then need to simply fill in their answers in a dialog that is launched on their screens. The activity allows teachers to create, launch and save tests, as well as collect results. Teachers are also able to display individual results to students and mark answers as correct or incorrect.
		The system should allow the teacher to use any audio file as content and also to add Subtitle to that file.
		The system should allow the teacher to browse any webpage and launch it to student Computer
		The system should allow the student to perform voice chat or written chat among themselves
		System should allow teacher add exercise, and instruction to any audio or video file.
		System should allow text to speech facility with specialize voice.
		System should allow users to rip audio from a CD, the Internet, or from an external source.
		The company should be an ISO 9001-2008 and ISO 14001:2004 Certified Organization.
		The learning system should include an institution wide site license for classroom management.
		Software module that makes administration of classrooms within larger institutions easy and efficient. Admin Tool provides remote control features for IT-staff which eliminate the need to physically visit each classroom for administrative and maintenance tasks.
		Individual solution for improving oral skills in a foreign language. Should allow you to easily transform text material into spoken audio for pronunciation and speech practice. Should guides students to improve their pronunciation through instant feedback and visual indications of what sounds and words to improve on. Select the voice that will read the model sentences. Adjust the playback speed of model audio. Lower speed may be used to facilitate understanding. Adjust how long your own recording time will be in comparison with the model sentence. Whilst recording, the system is analyzing your speech. Once the recording is complete, system should automatically send the recording to teacher.
6	Headsets	Earphones: Frequency response: 20 - 20k Hz, Impedance: 100 O, Sensitivity (SP.L/ 1kHz): 105 +/- 3 dB Rated power: 100 mW, Audio handling: Stereo/Mono, Earpads: Soft, insulating, 45 mm opening Microphone: Type: Electret condenser, Directivity: Unidirectional, Frequency response: 40 - 16k Hz, Impedance: 2.2k O, Sensitivity: (1V/Pa - 1kHz): -36 +/- 3dB, Weight: 265 gm without cable
7	Installation, Support, and Training	The vendor must provide- Complete Installation. Electronic documentation for a system user guide and for the system technology. End-user training to on site the teachers.

ANNEXURE-II
Format of Technical bid

Item No	Item	NIT Delhi Specifications	Vendor Specifications	Compliance (Yes / No)
1	For Teacher & Students language Software	Brand: Any International reputed brand to be mentioned by the bidder Model: Any International reputed brand to be mentioned by the bidder Country of Origin: USA, UK, Japan, Germany, Finland Country of Manufacturer: USA, UK, Japan, Germany, Finland		
1.1		The Digital Language Lab Control/communication Systems/Module supporting one teacher station and Fourty student stations. The learning system includes all the features and functions that are essential for effective and enjoyable teaching and learning, such as pre-set language learning activities, screen transfer features, audio and text communication tools, web browsing and program launch capabilities, file functions and classroom management and control features.		
1.2		The students can be divided into six different sessions. The sessions can be controlled separately and can simultaneously perform different activities.		
1.3		The system should provide the teacher to control the whole class with different Controlling tool like Lock students screen, lock Students keyboard and mouse, take remote control of student computer, shutdown student computer.		
1.4		The teacher should be able to send the instructor's screen, audio, video and text based content to student's consoles for teacher presentations or broadcast any students screen to other students		
1.5		The teacher should be able to disable the student's stations from the teacher's station control panel.		
1.6		Teachers and students should be able to interact (speaking /listening) using headset with built-in microphone. Either for a single student or a group of student or whole class.		
1.7		The system should have a media library area which will enable a teacher to upload audio, video and texts based content and integrate into customized study modules which should enable a multi teacher access facility for sharing, and collaborating content resources remotely across the campus.		
1.8		The teacher should be able to create session modules for students to access a content management library on the media activity dashboard for self-study even when the teacher is not present in class.		
1.9		The Examination Module is a valuable teaching tool that simplifies the creation and administering of tests. The Examination Module includes a 6-step "wizard" application that assists and guides teachers in the creation of tests. The flexibility of the Examination Module allows teachers to easily vary the types of test questions and to edit any existing tests. The Examination Wizard allows instructors to design any type of questions to test a particular skill or student ability. Teachers may even set the time and outline instructions for tests before administering them, as well as preview entire exams.		
1.10		The System should facilitate teacher to create different group and perform group discussion or pair discussion at the same time for different group and record their discussion.		
1.11		The System should be able to perform reading aloud activity for more than one		

		student or for whole class at the same time without disturbing the others and record their reading. And where teacher can listen their reading student wise.		
2	Model Imitation	Students listen to and repeat after a model track to practice the stress rhythm and intonation of a foreign language, while their voices are recorded onto the student track. You can either use sources with ready-made pauses in them or manually pause the audio source during the activity.		
3	Round table discussion	Round table discussion allows teachers to set up small student groups with a designated chairman, who leads the discussion and assigns turns during the discussion by passing a microphone around the group. The activity allows teachers to set up a meeting environment to help advanced language learners strengthen their oral presentation skills. Chairmen and participants for the groups can be defined either manually or with automatic options. Student applications display a list of discussion participants and chairman and students can request the microphone by clicking a request button. Teacher can listen in on each group and participate in the discussion when needed.		
4	Content Exercise	The Content exercise activity is used together with either ready-made or custom content.		
5	Vocabulary Test	The activity allows teachers to easily conduct word quiz -type language learning tests. The teacher can either enter the quiz words manually or by importing a ready word list and students will then need to simply fill in their answers in a dialog that is launched on their screens. The activity allows teachers to create, launch and save tests, as well as collect results. Teachers are also able to display individual results to students and mark answers as correct or incorrect.		
		The system should allow the teacher to use any audio file as content and also to add Subtitle to that file.		
		The system should allow the teacher to browse any webpage and launch it to student Computer		
		The system should allow the student to perform voice chat or written chat among themselves		
		System should allow teacher add exercise, and instruction to any audio or video file.		
		System should allow text to speech facility with specialize voice.		
		System should allow users to rip audio from a CD, the Internet, or from an external source.		
		The company should be an ISO 9001-2008 and ISO 14001:2004 Certified Organization.		
		The learning system should include an institution wide site license for classroom management.		
		Software module that makes administration of classrooms within larger institutions easy and efficient. Admin Tool provides remote control features for IT-staff which eliminate the need to physically visit each classroom for administrative and maintenance tasks.		
		Individual solution for improving oral skills in a foreign language. Should allow you to easily transform text material into spoken audio for pronunciation and speech practice. Should guides students to improve their pronunciation through instant feedback and visual indications of what sounds and words to improve on. Select the voice that will read the model sentences. Adjust the playback speed of model audio. Lower speed may be used to facilitate understanding. Adjust how long your own recording time will be in comparison with the model sentence. Whilst recording, the		

		system is analyzing your speech. Once the recording is complete, system should automatically send the recording to teacher.		
6	Headsets	<p>Earphones:Frequency response: 20 - 20k Hz, Impedance: 100 O, Sensitivity (SP.L/ 1kHz): 105 +/- 3 dB Rated power: 100 mW, Audio handling: Stereo/Mono,</p> <p>Earpads: Soft, insulating, 45 mm opening</p> <p>Microphone: Type: Electret condenser, Directivity: Unidirectional, Frequency response: 40 - 16k Hz, Impedance: 2.2k O, Sensitivity: (1V/Pa - 1kHz): -36 +/-3dB, Weight: 265 gm without cable</p>		
7	Installation, Support, and Training	<p>The vendor must provide- Complete Installation. Electronic documentation for a system user guide and for the system technology. End-user training to on site the teachers.</p>		

ANNEXURE-III

Format of Financial bid (In letterhead of the supplier with seal)

Date: _____

To:

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs.

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of _____ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____