INVITATION FOR QUOTATIONS FOR SUPPLY OF GOODS UNDER NATIONAL SHOPPING PROCEDURES

Letter No: 6 4/DUVASU-IDP/2020-21

Dated:-20-01-2021

Reference No: IN-DUVASU-MATHURA-188162-GO-RFQ

To

: _____

: _____

: _____

. University Notice board

Dear Sirs,

Subject: INVITATION FOR QUOTATIONS FOR SUPPLY OF video conferencing Camera for classroom along with software

1. You are invited to submit your most competitive quotation for the following goods:-

Brief description of the goods	Specification*	Qty.	Delivery period	Place of delivery	Installation required if any
video conferencing Camera for classroom	**Camera for Live Teaching** • Full HD (USB Camera 3.0) -30 fps or better Sensor: 1/2.7" or better with high quality HD CMOS. 1x HDMI. 1x USB. 1x Ethernet • Control: 1 x RS 232/Ethernet • Effective Pixel: 2.07M or better • Video Output – 1080p @ 60 fps • Resolution - 1920*1080 (Full HD) • Auto Focus • Optical Zoom: 12x or higher : Digital Zoom: 16x or higher • Should be provided with mounting accessories: Wall/Ceiling mounting • Camera should be capable of screening. recording and video conferencing. • CE/BIS. FCC. UL/RoHS certificates **Items must be provided with 3 Years Annual Maintenance Contract.**	2	One month form notification of award of contract	DUVASU, Mathura	YES
Software	As per Annexure-1	1	One month form notification of award of contract	DUVASU, Mathura	YES

* Where ISI certification marked goods are available in market, procurement
should generally be limited to goods with those or equivalent marking only.

2. Government of India has received a credit from the International Bank for Reconstruction and Development (IBRD) in various currencies towards the cost of the National Agriculture Higher Educational Project (NAHEP) and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. **Bid Price**

   a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re-writing.

   b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.

   c) GST in connection with the sale shall be shown separately.

   d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

   e) The Prices shall be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. **Validity of Quotation**
   Quotation shall remain valid for a period not less than 15 days after the deadline date specified for submission.

6. **Evaluation of Quotations**
   The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

   a) are properly signed ; and
   b) Conform to the terms and conditions, and specifications.

   The Quotations would be evaluated separately for each item.
   GST in connection with sale of goods shall not be taken into account in evaluation.

7. **Award of contract**
   The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

   7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

   7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Part payment or part supply orders will not be accepted. The payment will be made

immediately after delivery of Goods/Setup/installation/training/assignment/physical & Functional verification as per signed up/award of contract.

9. The necessary catalogue, leaf lets, operational manual or any other printed material related to goods/material should be provided during completion of contract.

10. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.

11. The rates/prices should be FOR, DUVASU, Mathura (UP) India. All leakages-breakage and losses in transit including shortages, if any will be borne by the firm/supplier.

12. The firm should provide proof of GST registration no. / Tin no. / PAN no. and all legislative documents/Experience related documents required.

13. **Onsite installation and technical demonstration/training** should be provided by the supplier in consultation with expert team member of IDP, DUVASU, Mathura (UP).

14. In case, any holiday is declared by the Government on the day of opening, the bids will be opened on the next working day at the same time. The Principal Investigator, NAHEP – IDP, DUVASU, Mathura reserves the right to accept or reject any or all the bids.

15. The bids of firm (s) which have either been black-listed by DUVASU, Mathura or any other Govt. organization will not be accepted. In this regards, the firm has to give an undertaking on the enclosed format.

16. You are requested to provide your offer by registered/Speed post or deposit in the office of store purchase officer DUVASU Mathura latest by **on or before 29-01-2021 up to 5:00 Pm in the name of PI, NAHEP.** The bids will be opened on 30/01/2021 at 11:00 AM in the office of undersigned. All suppliers/firms are requested to be present in the chamber of undersigned

17. The firms interested in quotation should send separate quotation in sealed envelope. Each quotation should be placed in a separate envelope. No combined application will be entertained. The name of the item "**video conferencing Camera for classroom along with software**" should be written on envelope in bold letters.

18. Write the title "Quotation for supply of "**video conferencing Camera for classroom along with software**" on top line of Envelope.

19. We look forward to receiving your quotations and thank you for your interest in this project.

Principal Investigator
National Agriculture Higher education Project
IDP-PROJECT, DUVASU, MATHURA
Pin code: 281001, (U.P), INDIA

Specification for Software

Intercom	Two way intercom communication between Teacher & student. The communication Should be through text & audio.
Broadcast	Provision for teacher to broadcast text message to one student or to a group of selected students.
Audio Supervision	Provision for teacher to listen to any students recording & check their progress.
Chat	Provision for teacher to send alerts to student through Text Chat or Audio Chat.
Assignments	Provision for Teacher to create assignments & broadcast to the class. Provision should be there to assign same/separate tasks to different group of students. There should also be provision to assign task to students with a start and expiry date.
Reports & Analysis	The Teacher's Dashboard should have the following features: Details about all the classes assigned to the teachers, Students performance report both in text as well as Graphical for various tasks assigned to carious classes. Provision for generating various reports to check & analyse progress of students. The language lab software should automatically generate reports giving details about each individual learner's activities performed in terms of no. of exercises attempted, time spent on each such activity on a day-to-day basis. Each students individual report should be available to the student as well as the teacher. The language lab software should also have reports that shows the usage of the software by each of the instructor/faculty/teacher. The teachers should be able to view all the answers given (both correct and incorrect) given by the students during the practice sessions at any given time. They should also be able to listen to the recorded exercises of the students. Teacher should be able to give remarks to students on their audio recorded exercises both in text & audio formats. A centralized report should be available to the Administrators/Governing Bodies on the usage of content by both the instructors and students for all the language lab software licenses procured under this project. This should be web based and available to various stakeholders of the project. Provide Management with password protected login, should have the option to view the reports of teachers.
Audio modulation	Provision to automatically generate graphical representation on the recorded audio of the learner as against the originals for self-assessment and evaluation.
Multi Languages	The system should be compatible with multiple Languages, as content of multiple languages could be fed in to the platform. The content for all the languages English, Hindi & Sanskrit should be made available from the same dashboard and combined usage reports should be made available for all the three languages. Student should be able to use content of all the three languages from a single login ID. Enough exercises for practice should available for all the three languages to the students.
Accent	The entire teaching - learning content should be in neutral accent.
License	The proposed software should have Life Time Perpetual License.
Secured Login	The main interface of the teacher with password protected login should have different options to teach effectively in a lively manner.
Management Login	Provide Management with password protected login, should have the option to monitor the reports of teachers & assessments of students and view various reports / assessments of scores, grades, performance graph/Bar/Pie in exercises, answer sheets.

External Media	Provision for teacher to use any external storage device (USB, HDD, etc.) to play or display the content files.
OS & Hardware Support	The Software should support Windows, Linux, IOS & Android. The software should work on Desktop/Thin/Zero Client System.
Mobile Apps	The software should have Android & IOS supported Mobile App where Teacher can assign activities, Student can do the assignments and Teacher can evaluate it.
English Multimedia Content Learning Levels	The Language Lab Software should take into account the following features: - It should enhance the Communicative English skills of the students of class III to X. It should have 8 levels of learning: Ranging from Basic to Intermediate and Advanced with substantial content to hone the learner skills. The content should be in reference with Common European Framework of Reference i.e. CEFR and should cater to all the 6 levels of CEFR viz. A1, A2, B1, B2, C1 & C2. CEFR Levels: i. A1 Beginner ii. A2 Elementary iii. B1 Intermediate iv. B2 Upper Intermediate v. C1 Advanced vi. C2 Mastery Content should purely be multimedia based and comprise of graphics, audio, video and should be highly interactive in nature. It should have content for strengthening all the four language skills: - Listening , Speaking, Reading & Writing It should have Model Imitation that should facilitate the student to listen to the exact pronunciation of a word and then record one's own and then compare both of them, thereby helping the student to recognize the error and amend the differences. The software should have capabilities of Listening, Recording and Comparing of Speech patterns both via audio and visual. The software should have speech spectrograph for graphical visualization. The software should be based on neutral (Indian) accent and should not use foreign accent. It should have jaw and tongue movement animations for all the sounds to facilitate learning of proper articulation of sounds. The software should consist of a glossary of words with correct pronunciation in the Indian context. The English language lab software should have components to work on- • Intonation • Word stress • Syllables The English language lab software should cater to the basics of English grammar using animated situations and related practice exercises. It should be user friendly so that faculty can take classes with minimal of technical knowledge.

Teaching Pedagogy (Methodology)	The English language lab software should have the following features for proper teaching - learning of English language skills by both the faculty and the students. It should be based on the 'Blended Learning' mechanism, i.e. It should have Instructor Lead Teaching (ILT/ Classroom teaching) content as well as Computer Based Training (CBT/Lab practice) content. The software should have predefined lesson plans with detailed breakup of each session of approximately 30 minutes each. The Instructor/ Faculty / Teacher should be able to create tasks for students to perform in the language lab at a later time which can be pre-defined. The Instructor / Faculty / Teacher should have the option to assign the same task to all the students and/or different tasks to different students of the same batch.
Sounds	The language software should provide proper articulation for all 44 sounds of English using animation.
MTI	Should have a Mother Tongue Influence (MTI) removal tool
Self Assessment	Provision for self assessment & send the exercise to teacher for evaluation at conclusion of every module / lesson plan.
Pronunciation	Provide sample lessons, words, pronunciation sounds, videos, comparison & assessment tools for proficiency in English pronunciation.
Comprehension	Provide lesson plan with focus on expressions, situational dialogues, comprehension, exercises with comparisons & assessment.
Resource Material & Training	Training should be imparted for one day (6 hours) and training modules should include: - • Training on usage of all the features of the language lab software • Training on the various aspects of language on its teaching pedagogy Proper detailed trainer manuals to be provided for each level on the delivery mechanism. It should be in depth with minute to minute description of the teaching procedures. Classroom reference material in the form of Flash/ Cue Cards too should be made available for each session. In depth trainer videos should be made available in the software for the teacher to refer to. These videos should also be made available to the teachers using a mobile app which should be compatible with Android and IOS smart phones. Students reference material / workbooks in accordance to the software should be made available
Student Material	Students material in the form work books for each level should be available. This material should be integrated with the content.
Pre Recorded media	Provision to share Audio / Video recorded files from Poetry Masters, Writers, Speeches, Lectures, Documentary, Movies, News, etc. from any external source, to improve comprehension of language.
Licensed User Terminals	License to be provided for 51 terminals (Students & Teacher both included).
AMC	**Items must be provided with 3 Years Annual Maintenance Contract.**

FORMAT OF QUOTATION *

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In Words
1	video conferencing Camera for classroom			2			
2	Software			1			
	TOTAL						
	Sales Tax						

Gross Total Cost : Rs. ....

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

We also confirm that the normal commercial warrantee/guarantee of .... months shall apply to the offered goods.

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

* *Note: evaluation would be made for each item separately.*