Indira Gandhi National Tribal University,
Amarkantak (M.P.)

NOTIFICATICATION FOR EXPRESSION OF INTEREST FOR LANGUAGE LAB

Date.03/19/2017

Date of Presentation: <u>11 AM. On October 31, 2017</u>

Note: No needs to submit any document before presentation.
All the documents related with EOI should be submitted during the presentation.

NAME OF WORK:

Indira Gandhi National Tribal University, Amarkantak (M.P.) is invites expression of interest to Setup a full-fledged Turnkey M COM lab to facilitate and improve the communication and linguistic skills of students studying in the university. This facility should be minimum 50 Student Lab having all the necessary features and the objective of this facility being established in the university is to provide the students with world class facility and communication software to provide them an equal opportunity and exposure.

The software program should be detailed Multimedia based internationally published software only having a detailed Audio / Video lessons with Indian & International Accents and should have credibility of being used in India across at least 25 Universities and should be preferably endorsed by RIE / CEFL with a certificate from any one of the above institution.

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The Multimedia English Communication program must be rich in content, pedagogical structure and should be user friendly with the graphical interface for navigation and it should also have instant recording facility in each learning unit to practice pronunciation along with marking features for the exercises and feedback / explanation for helping the students improve their communication skills.

The software program should have a detailed Multiple Structure covering all aspects of English Communication like Grammar, Reading, Writing, Listening, Pronunciation with detailed Grammar Module, Communication Module, Pronunciation Module, Business Writing Module and Job skill software for their career growth and improvement.

TECHNICAL SPECIFICATION & CRITERIA FOR EVALUATION OF CONTENT:-

The program must also give the students to do the marking with the exercises and then study the feedback and explanations this is a concomitant feature failing which the program will be rejected.

The program should also allow the student to record his voice instantly from that particular specific learning unit for any sentence or words that he hears and compare his voice against the original for him to improve his pronunciation.

This record and compare feature should be available in each of these learning units in all pages of their program as a standard offering.

The program should also give the option to student to print all pages directly from that particular page or learning unit by click of a button.

The program should be extremely user friendly, graphically intuitive and easy to use with many different male/ female narrative voices to avoid the program becoming to monotonous.

All programs must have a unique student login id feature.

Any software program trying to offer a single or dual voice narratives will be summarily rejected and this is a mandatory feature.

The software must work on Wireless LAN for 1+50.The software must have a facility to monitore 1/4/9/16/36 students at a time. The software must have dual Track facility for student to record their voice and compare. The software must have facility to conduct Online exam with one answer, multiple answer, alternative and easy type. The software must have to broadcast voice and screen of Master Computer. The software must have facility to broadcast voice to all students. The software must have to do two way communications. The software must have facility to Monitor and Control key Board and Mouse of Students' computer. The software must have to record and Play Back all computer operation. The software must have facility to do Group Chatting and discussions. The software must have facility for teacher to select all or a specific group. The software must have facility to do common settings. The software must have facility to use streaming media over network to share all media files. The software must have facility to Control web access for students. The software must have facility to limit access to certain application. The software must have facility to create segment. The software must have Voice speed adjustment so as the tone remains unchanged for students to follow the content. The software must have restricts students on using any USB storage drive.

The 50 user software program should be a multiple structured base level program covering six aspects of English language training namely grammar, reading, writing ,listening , speaking and pronunciation, accessible through a single screen with a built in note pad, feature and progress chart on the main screen.

All these 6 learning areas should have minimum 15 units of learning each with pronunciation section having atleast 25 units to practice and pronounce. The software should have the option to go back to the main screen at any point in time of the learning or the teaching at the click of a button for easy navigation and is a mandatory feature or else it will be rejected.

The grammar unit should cover learning areas of Adjectives, Conjunctions , prepositions, plurals, A , An The, Questions and Negatives1 and 2, The simple past, The present Continuous, The simple present, Pronouns, Countable and uncountable nouns, Adverbs , Comparative and Superlative, each of these units to begin with an explanation and then a maximum of upto 6 exercises per learning area. Each of these explanations in these fifteen units must begin with a controllable audio playback teaching of the unit followed by exercises having a drag and drop, multiple choice type and this is a mandatory features. Apart from the above base level software the supplier should also offer 50 user separately a detailed grammar program.

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The program must also give the students to do the marking with the exercises and then study the feedback and explanations this is a concomitant feature failing which the program will be rejected.

The program should also allow the student to record his voice instantly from that particular specific learning unit for any sentence or words that he hears and compare his voice against the original for him to improve his pronunciation.

This record and compare feature should be available in each of these learning units in all pages of their program as a standard offering .

The program should also give the option to student to print all pages directly from that particular page or learning unit by click of a button.

The program should be extremely user friendly, graphically intuitive and easy to use with different male female narrative voices to avoid the program or learning becoming to monotonous.

Any program offering a single or two standard voice over continuously will be rejected. The idea is to make the English language learning a fun and easy way for students to learn so that they engage with the program and learn to effectively speak the English language which is the prime focus of the department.

The reading unit should again have a minimum of 15 learning units to read from with the same format of introduction and exercise and there should be a minimum of 5 video learning units in which there is a video instruction being taught with an option to simultaneously read what is being spoken on the video to improve the listening and reading comprehension of the students. This is a very important feature for the acceptance of the program and if not available then the program is liable for rejection.

The listening unit should also have a minimum of 15 listening units followed by exercises and should be multiple voices of minimum 6 different voices male and female in any listening package unit with at least one international accent perfectly blended within the listening program and any program/ software package not offering the above or trying to offer a single or dual voice narratives will be summarily rejected and this is a mandatory feature.

The writing unit of the program must also have a minimum of 15 units covering various types of writing like thank you letter, covering letter, essay writing, writing a short report, writing a postcard, writing a covering letter etc and each of these 15 units must have an audio narration either in form of instruction or reading about the particular exercise being practiced by the student to engage them in a stimulation multimedia teaching experience with multiple voice over narrations and not a single or dual voice narration.

The speaking unit of the program must also have a minimum of 15 units covering various types of situations like giving directions, telephone calls asking questions etc and each of these 15 units must have an audio interactive dialogue for the students to listen to and engage them in a simulative multimedia teaching experience with multiple voice over narrations and not a single or dual voice narration which will be rejected.

The pronunciation unit should have minimum 25 units with each allowing the option to listen to the word at the start, middle and end of the spoken word and then practice their own recording also and also there should be a video lesson showing the lip movement of each of the 25 units being taught.

The second aspect of the structured English program should be an extensive detailed five level Grammar programs should focus grammar and also other learning area like listening, speaking, reading and vocabulary skills.

The program should cover namely Elementary, Lower Intermediate, Intermediate, Upper Intermediate and Advanced. Elementary level should cover Am, is, are, I, my, me, simple present, questions, negatives, A, an, the, countable, some, my. Lower Intermediate should cover simple present, simple past, present perfect, comparisons, present continuous, prepositions. Intermediate should cover the passive, will and going to, equality, relative clauses, question tags, conditional. Upper intermediate should cover past continuous, present perfects, Modals: must,

might, can't, Adjectives and adverbs. Advance level should cover past perfect, phrasal verbs, nouns, the passive and article.

In the above detailed grammar program the concomitant features to be mandatory in all units / pages of learning are instant record and compare facility on screen, on screen marking, instant feedback, on screen print button option, note pad and progress report.

All programs must have a unique student login id feature.

The vendor must also offer a detailed pronunciation program along with the above programs and it should be in two levels one focussing on sounds and the other should focus on speech. The program should helps learners recognise and pronounce the English phonemes; vowels, consonants and diphthongs. The program should include and not separately in a blended learning, as a part of the teaching have over 1,000 audio clips and 50 videos to provide a comprehensive input for the sounds, and models for learners to copy and the audio clips and videos have to be shown on the main screen within the units and not as separate exercises . this feature is mandatory. The built in on screen recorder should enables users to record their voice and assess their pronunciation against a native speaker should be on every learning unit page and must also allow the option to compare against the original recording simultaneously both in audio and also graphically.

In the program all the of the 25 units in the program contrasts should have minimum two sounds, for example head/had, there/dare, hair/hear. The first screen presents each sound independently — both in isolation and in the context of individual words — through video and audio. The pronounced phoneme should be heard and observed as al listening practise in the beginning of the word, middle of the word and end of the word and this is a mandatory feature.

The second activity in the program should present have examples of the sound in sentences for learners to listen to and repeat. They then move on to a discrimination exercise where they listen to the target phonemes and identify them to complete a task. In this unit also the learners can use the built in recorder which should be in each page of each learning to Record for further practice in producing the sound and improve pronunciation at the click of a button.

The program then should move the learners to make them understand the sounds in a real-world context. They might listen to someone describing a photograph, a child singing a nursery rhyme or the repeated vowel sounds in movie titles (for example the diphthong in Tr<u>a</u>ding Pl<u>a</u>ces and Sn<u>a</u>kes on a Pl<u>a</u>ne).

The final activity is a randomised IPA test where learners refine and test their knowledge of phonemic symbols. This enables them to use phonemic transcriptions in dictionaries with confidence. The test each time when tried should give out different answers to choose from at random and not the same so that the student do not prompt the answers.

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Supplied along with 50 user job skill Software should help the students to identifying their ideal career to writing his resume and cover letter, handling difficult questions in the interview, responding to job offers and negotiating salary. Software should have video collections includes over 500 clips from top HR professionals helping candidate to understand what employers are really looking for. The software should help the learner with specialized skills such as psychometric tests and negotiating terms and conditions. It should have e-book, video interviews with HR professionals, audio, over 40 interactive activities and links to specialized websites.

The software should have 10 units find the ideal job for you, the perfect resume, cover letters that work, prepare for the interview, handling difficult questions, effective follow-up, surviving psychometric tests, body language : why it matters, perform in group discussions and technology friend or foe ?. Supplied along with 50 user authoring Software should helps the teachers to create own multimedia content/courses/exercise etc., like various text types, fill-ups, drag and drop, choose the correct, target, spotting etc. This software should be user friendly, also capable to add videos, audio, web links, pdf, etc., instant marking along with feedback should be set-up. Supplied along with 50 user business Software should be an enjoyable, thought provoking and practical course. It should come in minimum ten different units and covers every aspect of writing. It should also covers resume writing, Letters, report writing and a lot more. Should be supplied along with 50 user Detailed Programme
is for students who need to use written English both at school and in their personal life. Whether they are writing a descriptive essay for their teacher or sending a text to a friend, Practical Writing helps them structure their message, select the right vocabulary and choose the most appropriate style.

The 50 User Study skill program should be improving Listening Skills, Speaking Skills, Reading Skills, Writing Skills, Grammar Skills, Vocabulary, Research and Visuals. Study Skill Software should have complete courses in academic English covering Listening, Reading, Writing, Research, Grammar, Vocabulary and Speaking.

The software should also be provided the detailed reading, listening comprehension and grammar minimum of 5 levels, covering areas finding a home, taking a course, reading a story, using a dictionary, making a journey, finding a job, reading a newspaper, making friends, reading an email, finding information, writing to pen friend, cooking chicken, choosing a holiday, ravel advice, struck by lightning, health matters, rent a pet, my wedding day, different cultures, dangerous sports, buried treasure, saving the world, why are you reading ?, Let's love sharks, how to lose weight, the smoking ban, a short story competition, It's magic, Animals learn

to speak, wireless gaming, Death of the newspaper, A paper plane, fat for a day, reading a novel, my week, dangerous fashions, dolphins, hello, I'm your burglar, the final descent, Mysteries, Reading for pleasure, the Jaipur limb, Ecotourism, fashion, mythical beasts, the killing fields, laughter, the war poets, organizing information, find it – Fast, simple present, negatives, countable, present perfect, present continuous, past continuous, past perfect, equality, relative clauses, the future and phrasal verbs.

The software must have Reading Skills covering the Diamond Thief, the Guru and Sweets, reading a story, using a dictionary, reading a newspaper, making friends and finding information.

The software must have Speaking Skills covering talking about yourself, talking about what you did, talking about family, asking question politely and ordering food.

Software should helps the teachers to create own multimedia content/courses/exercise etc., like various text types, fill-ups, drag and drop, choose the correct, target, spotting etc. This software should be user friendly, also capable to add videos, audio, web links, pdf, etc., instant marking along with feedback should be set-up. The software should enables teacher to create interactive activities aimed at their students' specific needs. It should design to be accessible to all teachers who can use MS Word and Hotmail. The software should have a facility to record enabling learners to records their voice and compare. It should have a progress function for the learner to analyze their performance and plan their learning. It should have multiple source of information (audio, video, web links can be attached to a single screen). It should have a activities like Multiple choice, Dropdown, Reading Comprehension, Proof Reading, Text Reconstruction, True/False, Drag and drop, Target spotting, Presentation and Gapfill. The software should have a facility to enable teachers to create a hierarchical course structure: course, units, Exercise and to link exercises together to form learning paths. It also a capability to include Graphics (jpg), audio files (mp3), videos (flv) and can link to websites which may incorporate pdfs or PowerPoint files. It should support to create Hints, Time Limits, Dictionary Link, Feedback, Printing and Audio Recording.

Business Software should be an enjoyable, thought provoking and practical course. It should come in minimum ten different units and covers every aspect of writing. It should also covers resume writing, Letters, report writing and a lot more. The software should have 10 units as writing process, applying for job, successful letters, successful email, case studies, writing clearly & appropriately, linking ideas , reports, key section of report, perfecting your documents. Each unit should have process, scratch pad, print, website and recording facility.

The supplier / bidder has to understand the above solution is a turnkey solution wherein along with the software they are supposed to supply fully integrated Multimedia Hardware Language Lab System with 1 Teacher System and 50 Student Receiving Stations with 1no. teacher having I-3 processor, 4GB RAM, 1 TB HDD, 10/100/1000 Ethernet, USB: 4 external USB Ports ; 2 USB 3.0 via add-on cards, Audio: Six back-panel connectors: microphone-in, line-in, and 4 line-out to support 5.1 audio jack; two front-panel connectors for headphone-output and microphone-in, Other: HDMI, VGA port, S/PDIF connector, eSATA, RJ-45 (10/100/1000 Ethernet) with 50 Receiving Station having configuration of Intel Atom 1.6GHz Embeded, 1 GB Ram Memory, 10/100 Ethernet, 2-ps2 ports, 6 USB ports, 1-VGA port, Intel HD Audio, 12V @ 5A 60W DC

adaptor including 51 nos. Headphones, Keyboards, mouse, LCD Monitors, CAT5 Network cables and 100/1000 switch supplied along with all necessary furniture comprising of 1 Table with 1 Chair for Teacher and booth for 50 Students with front side glass and both side compressed wood. 50 Chairs for students. As a complete turn- key installation with all the required Installation, Commissioning and Training completed in the universities.