



Short Tender Notice

FOR

Supply, Installation and Commissioning of Digital Language Lab

Tender Reference No.: KU/R/CCDC/870/19 Date: 09/03/2019

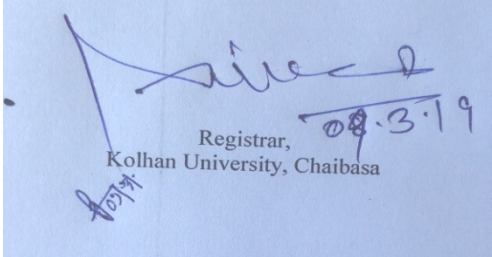
**Registrar,
Kolhan University, Chaibasa, West Singhbhum, Jharkhand-833201**

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Kolhan University, Chaibasa, West Singhbhum, Jharkhand-833201**

Tender Reference No.:- **KU/R/CCDC/870/19** Date: **09/03/2019**

1.	Name of the Work	Supply, Installation and Commissioning of Digital Language Lab.
2.	Processing Fee & Earnest Money Deposit (EMD)	Tender Fee: Rs.50,000/- (Fifty Thousand only) (Non-Refundable) EMD : Rs 8,97,602/- (Eight Lakhs Ninety Seven Thousand Six Hundred Two only)
3.	Total time Period for completion of work	120 Days
4.	Date of Publication of Tender in Newspaper	10/03/2019
5.	Date of Start of Submission of Bids	Date:11/03/2019 from- 11/04/2019
6.	Last Date/Time for submission of bids	Date: 11/04/2019 on 5:00 PM
7.	Date of Technical Bid Opening	Date:15/04/2019 at 2:00PM
8.	Opening of Financial Bid	To be informed later
9.	Bid submission address	Registrar, Kolhan University, Chaibasa, West Singhbhum, Jharkhand-833201
10.	Helpline no.

Note: Further details can be seen on website: www.kolhanuniversity.ac.in



Registrar,
Kolhan University, Chaibasa

09.3.19

**Kolhan University,
Chaibasa, West Singhbhum, Jharkhand-833201**

Notice Inviting Tender

Kolhan University, Chaibasa, West Singhbhum, Jharkhand-833202, invites Tender bid from reputed IT/IT Enabled (hereinafter referred to as “Bidder” till the award of Contract and thereafter on award of contract, referred to as “Vendor/Contractor/Supplier/Successful Bidder”) for Supply, Installation and Commissioning of Digital Language Lab.

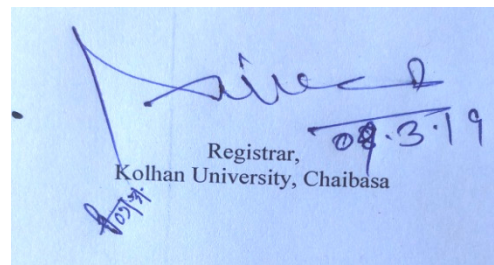
The Supply, Installation and Commissioning for Digital Language Lab for colleges.

S.No	Name of Work	Bid security	Cost of tender Document
1.	Supply, Installation and Commissioning of Digital Language Lab.	Rs 8,97,602/- (Eight Lakhs Ninety Seven Thousand Six Hundred Two only) in the form of BG/DD/FDR in favour of Registrar, Kolhan University, Payable at Chaibasa	Rs. 50,000/- (Fifty Thousand only) (Non-Refundable) in the form of demand draft in favour of Registrar, Kolhan University, Payable at Chaibasa

- Tender Fee (nonrefundable) will be in form of Demand Draft drawn on any Scheduled and Commercial Bank and in favour of Registrar, Kolhan University, Payable at Chaibasa.
- Interested and eligible Bidders are required to submit the Technical and Financial Bids in two separate sealed envelopes. The Technical and Financial Bids should be accompanied by a bid security as specified in this Bid Document. The EMD of Rs 8,97,602/- (Eight Lakhs Ninety Seven Thousand Six Hundred Two only) in favour of Registrar, Kolhan University, Payable at Chaibasa (In the form of BG/DD/FDR should be included in the same envelope containing the Technical Bid). The Technical and Financial Bids has to be put in a separate envelop, mentioning the name and address of the indenter, Tender enquiry Number, Due date of submission must be delivered to the Office of Registrar, Kolhan University, Payable at Chaibasa.
- The complete set of bid document shall be deposited in the office of "**Registrar, Kolhan University, Chaibasa, West Singhbhum, Jharkhand-833201.**" all working days between 10:30 am to 12:00 pm either by registered post/Speed post or by hand.
- For any other clarifications related to bid submission, firm may contact Registrar, Kolhan University, Chaibasa before the last date of submission of the bid document during working hours.

- Bids without requisite details/documents are liable for rejection and Registrar, Kolhan University will not entertained any further communication in Such cases
- The Bidder is expected to submit the competitive bids are expected for all items with detailed technical literatures/catalogues.
- Registrar, Kolhan University reserves the right to accept or Reject all or any of proposals, and to annul the selection process and reject all proposals at any time prior to the award of contract all or partial, without there by incurring any liability or any obligation in any form to the affected firms on any grounds.

[NOTE: The bidder must read all the lines of the tender carefully, any shortcoming in submission of documentation, Kolhan University will reject the technical bid without any consideration.] **(submit declaration)**



Registrar,
Kolhan University, Chaibasa

08.3.19

10/3/19

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1 Introduction

2 Scope of Work

The minimum specified Scope of Work that needs to be undertaken by the successful Bidder for installation and maintenance of Software & Hardware components and accessories for Supply, Installation and Commissioning of Digital Language Lab. The work is to be performed as per the specifications and conditions mentioned in different parts of this document.

- i. Supply of all the products and equipments as per requirement list included in the Tender as per their respective sites, which includes transporting the items safely and delivery to the various locations of Kolhan University, Chaibasa and its constituent colleges as mentioned in page in 12.
- ii. The bidder must not bid/supply any equipment that is likely to be declared end of sale within the warranty period. The bidder would be required to replace all such equipment with latest and at least of equivalent configuration in such case.
- iii. To bring all the installation equipments and tools required for the installation and commissioning of the system without any extra charges.
- iv. Provide all patches, accessories and update for system software.
- v. Carry out all general tests such as Power on test on delivery, during installation checks to ensure correct connection, completeness of the requirement.
- vi. It is the responsibility of the Bidder to supply all the Hardware equipments, as mentioned in the schedule of requirements in the respective project sites. Transportation of Goods and Material to the designated locations as per the Purchase order is the responsibility of the bidder. Also the Bidder has to make his own arrangement for loading and unloading of the goods at the designated locations.
- vii. Bidder shall be responsible for installation of all the equipments supplied as per the Bill of Quantity/Material. Supply of all the installation materials/ software/ accessories necessary for the installation of the system) at each location.

2.1 Comprehensive On-Site Warranty & Maintenance

- i. The bid proposal shall be inclusive of a comprehensive onsite warranty for 3 (Three) year applicable from the date of Commissioning/User Acceptance. The bidder shall obtain the successful installation and commissioning report from concerned authority at each location. The bidder shall maintain Hardware, Software and peripherals supplied and installed under this Tender in accordance with the provisions laid down in the clauses below during the warranty period.
- ii. The bidder shall provide the following services under the warranty to keep the systems and peripherals in good working order:
 - a) **Unscheduled on call corrective and remedial maintenance service** to set right the malfunctioning of the system. This includes replacement of unserviceable parts also. The parts replaced will either be new parts or equivalent in performance to new parts.
 - b) **Software and Hardware Support:** The supply is comprehensive inclusive of Software and Hardware support on all the systems supplied and installed under this contract. Any problem related with Software and Hardware maintenance, reloading of Software with all device drivers, Software upgrade, device drivers, system configuration and network configuration (if required) shall be attended & rectified by the supplier. All required device drivers shall be provided by the supplier. The supplier shall also keep a copy of all device drivers.

- c) The bidder will undertake preventive maintenance measures as a part of overall responsibility for maintenance of the Supplied Items.

2.2 Replacement of Parts

- i. If any Item or any part thereof before it is taken is found defective or fails to fulfill the requirements of the contract, the consignee shall give the notice setting forth details of such defects or failure. The bidder shall make the defective material good, or alter the same to make it comply with the requirements of the contract forthwith and in any case within a period not exceeding one month of the initial report. The replacements by the bidder shall be made free of all charges at site. Should he fail to do so within this time, the buyer reserves the discretion to reject and replace at the cost of the bidder the whole or any portion of the items as the case may be, and that is defective or fails to fulfill the requirements of the contract. The cost of any such replacement made by the Buyer shall be deducted from the amount payable to the Bidder or encashment of performance security.
- ii. Any Component that is reported to be down on a given date should be either fully repaired or replaced by temporary substitute (of equivalent configuration) within the time frame indicated in the Tender Penalty Clause. In case the selected bidder fails to meet the above standards of maintenance, there will be a penalty as specified in the Tender.

2.3 Complaint Redressal System

The Bidder must have a complaint redressal system to register the complaint about hardware issues and will also maintain a log of issues, time and date of receipt of call, cause / nature of problem, date & time of resolution provided etc. The Bidder should have also a centralized call center for after sales support. The bidder must provide the details of complaint redressal system with the technical bid. During the warranty period, the firm shall ensure proper functioning of the systems and complaint, if any, forwarded to the supplier against the system, will have to be attended within 7 days of forwarding such complaints.

3 General Terms & Conditions

Bidders are advised to study all technical and Financial aspects, instructions, forms, terms and specifications carefully in the tender document. Failure to furnish all information required in the Tender Document or submission of a bid not substantially responsive to the Tender document in every respect will be at the Bidder's risk and may result in the rejection of the bid. It will be imperative on each bidder to fully acquaint himself with all the local conditions and factors, which would have any effect on the performance of the contract.

- i. Outsourcing and Subcontracting is not allowed at any stage of the project.
- ii. Bid prepared in accordance with the procedure enumerated in the Tender document should be submitted in the name of Registrar, Kolhan University, Chaibasa not later than the date and time laid down, at the address given in the schedule for Notice inviting Tender.

- iii. All bids must be accompanied by a non-refundable Bid fee Rs. 50,000/- (Fifty Thousand only) in form of Demand Draft and Earnest Money Deposit (EMD) of Rs 8,97,602/- (Eight Lakhs Ninety Seven Thousand Six Hundred Two only) in the form of BG/DD/FDR Valid for period of 3 months (period of validity of bid) drawn from any scheduled or Commercial bank in favor of Registrar, Kolhan University, Chaibasa In case, bidders submit EMD in form of Demand Draft, they need to submit a fresh Demand Draft (DD) before the expiry of the previous one i.e. 180 days of date of issue till the period of the bid validity. Bidder's not accompanied by earnest Money and Bid fee or incomplete in any respect will be rejected outright.
- iv. The Bid Security (EMD) may be forfeited either in full or in part, at the discretion of Registrar, Kolhan University, Chaibasa on account of one or more of the following reasons:
 - a) The Bidder withdraws the Bid offer during the period of validity specified in the Tender
 - b) In case of a successful Bidder, the said Bidder fails to furnish the Performance Security.
 - c) The successful bidder fails to supply the items within the maximum stipulated time period for delivery.
- v. This tender document is not transferable.
- vi. The Tender must be submitted in a sealed envelope indicating the amount, tender notice number, and due date enclosed with the bid.
- vii. The tenders will be opened on the date and time indicated in the presence of Bidders if any present on the occasion. If the date of opening is declared to be a holiday the tenders will be opened on the next working day or as decided by committee members.
- viii. The Bidder must indicate specifically the Make & Model of each item to be supplied and also attached the brochure for the same with technical bid.
- ix. Kolhan University, has its right to take final decision regarding tender, committee of the tender will verify the supply items.

Documentation:

As part of documentation, Bidder must to submit all documents associated with requirement list as below:

- I. Detailed schematic connection diagrams & drawings for each site, include LAN & Networking, furnishing, software & hardware & electrifications etc.
- II. Step-by-step installation guide of hardware, accessories and software detailing the application & configuration.
- III. Document regarding List of Key Personnel's to be deployed on work must be submitted.
- IV. The Bidder must have average annual turnover of at least Rs. 03 Crore during the last three financial year. (2015-16, 2016-17, 2017-18)
- V. The Bidder should produce Letter of Registration along with Tender.

- VI. Methodology of work backed with equipment's planning and deployment duly supported with Broad calculation to aim at completion within stipulated time.
- VII. The Bidder should enclose an affidavit/certificate that rate quoted is not more than that quoted for supply to government organizations/ institutions.
- VIII. Additional document regarding the performance monitoring of systems, if any.
- IX. Trouble shooting manual for hardware, different accessories and software (particularly specifying most common pitfalls and their remedies).
- X. Any upgrades or updates or changes or modification made in the deliverables, configuration of equipment etc. provided as official documents must have to be immediately submitted to Kolhan University change note, date and version / revision Number so that at any point of time of the project duration, the entire documentation is updated.
- XI. Documents related to Instruction for preventive maintenance and proper operation of the Installed system should be submitted.
- XII. All documents will be verified and authenticated by authorized representative Kolhan University, before acceptance.

4 Evaluation Process

The bid document is not transferable. The selection of the bidder under this Tender will be effected on stage evaluation process (i) Technical Bid and (ii) Financial Bid.

4.1 Evaluation of Technical Bid

The evaluation of the Technical bids will be carried out in the following manner:

The bidders technical bid will be evaluated as per the technical qualification criteria specified in the Tender. Kolhan University reserves the right to ask for any other supporting document or testimonial at any Point of time, during the evaluation of the Bid. The documents submitted by bidder is verifiable through OEM.

4.2 Evaluation of Financial Bid

After opening of the technical bids, those bidders, who are technically found eligible (i.e. who satisfy all the eligibility criteria) and have submitted all the required documents mentioned in technical qualification criteria, the financial bids of the only those technically qualified bidders will be opened. The Tendering Authority will award the work to the Successful bidder whose bid has been determined as the lowest evaluated bid i.e. L1 as per the bid price form.

5 Technical Qualification Criteria

The Bidding is open to all qualified Bidder who fully meet the following qualifying requirements: -

- i. The bidder should be a company registered under commercial taxes department/ Indian Companies Act 1956, since last 3 years. [Documentary Proof: Certificate of incorporation/ commercial taxes department registration certificate]

- ii. The Bidder must submit Rs. 50,000/- (Fifty Thousand only) towards the cost of the Tender Document. [Submit DD for the same in favour of Registrar, Kolhan University payable at Chaibasa]
- iii. The Bidder must furnish the EMD of Rs 8,97,602/- (Eight Lakhs Ninety Seven Thousand Six Hundred Two only)[Submit BG/DD/FDR in favour of Registrar, Kolhan University payable at Chaibasa]
- iv. The bidder must produce audited balance sheet for last three financial years (2015-16, 2016-17, 2017-18). [Submit audited Balance Sheet.]
- v. The bidder must submit ITR of the last three financial years (2015-16, 2016-17, 2017-18). [Submit Documents & PAN.]
- vi. Certificate of registration for GST and acknowledgement of up to date filed return. Bidders submitting their bids shall produce up to date GST documents as well as copy of latest returns submitted in the standard form from the Tax Authority or a Certificate that the assessment is under consideration. All such clearance certificates shall remain valid on the date of opening of Techno- Financial bids. In case if require, the original certificates have to be produced before the evaluation committee during evaluation, otherwise the bid will be treated as nonresponsive and in that case the Tender Committee will have the right to decide accordingly. GST related declaration should be submitted. [submit documents]
- vii. The Bidder must have successfully supplied, installed commissioned and maintained Five (05) Nos. Digital Language Lab project in Central/PSU/University/ Degree colleges during last three years in India. (Submit Documentary evidence)
- viii. The Bidder must have previously executed required items in Tender should submit certificate of work completion issued by competent authority in Jharkhand under turnkey projects. [Submit Details as per Annexure 8 with previous work order & completion certificate]
- ix. a) The Bidder should have direct authorization from the Original Equipment Manufacturers (OEM) specifically for this tender strictly, for selling and supporting the components offered.
b)The Bidder shall submit valid letter Manufacturer's Authorization Form (MAF) from all the OEMs confirming the following:
Confirm that the products quoted are not "end of life or end of sale products" as on Bid Submission date. If in case the support for the product quoted has been stopped/ withdrawn till the time of delivery of equipment, the same will be changed with the superior product at no extra cost.
Undertake that the support including spares, patches, upgrades for the quoted products shall be available for the period of 5 years from the date of acceptance.

MAF in original stating in case of failure to maintain the product within warranty period the manufacturer will take the responsibility of getting the service done by the manufacturer by its other partner under the same terms & conditions without any cost. Relevant documentary evidences like MAF (Manufacturers Authorization Form) from major Vendors whose products are being quoted by the Bidder is to be submitted with the bid. [submit Documentary Proof]
- x. The bidder shall append a certificate with the quotation/tender that the firm has not been debarred / blacklisted for any reason / period by any Central/State Govt. Dept. / University / PSU etc. If so, particulars of the same may be furnished. Concealment of facts shall not only lead to cancellation of the order, but may also warrant legal action.[Affidavit in this regard by the bidder]

- xi. The bidder must have presence in India. [Submit Self Declaration with the valid address proof of Office in India]
- xii. OEM must have existing service centers or resident engineers in Jharkhand for prompt service support (Submit document for proof of declaration of OEM)
- xiii. The Bidder should be ISO certified. (Submit document)
- xiv. Certificate of financial turnover from Chartered Accountant. (Form A) (Page No. 32) (Submit document)
- xv. Certificate of registration for GST and acknowledgement of up to date filed return (Submit document)
- xvi. Bank worthiness Certificate. (Form B) (Page No. 31) (Submit document)
- xvii. Copy of registration for Employee's State Insurance Corporation (ESIC). (Submit document)
- xviii. Copy of registration for Employee's Provident Organization (EPFO). (Submit document)
- xix. The Bidder should submit Work Programme chart along with Tender. (Submit document)
- xx. The manufacturer must have the experience and expertise in undertaking major projects of installing the similar brand software with government organizations with multiple locations in India and abroad. (Submit document)
- xxi. The bidder must quote all items of requirement list & must have capability of executing entire work on Turnkey Basis. (Submit document)
- xxii. OEM should have executed at least 05(five) orders for establishment of Digital Language lab in Govt. (State/ Central), PSUs during last 03 (three) years. (Submit self-attested document)
- xxiii. The bidder should submit 3 years warranty certificate of equipments from the date of commissioning /installation equipment.
- xxiv. The Bidder must have average annual turnover of the least Rs.03 Crore during the last three financial year. (2015-16, 2016-17, 2017-18)
- xxv. The Bidder should have Letter of Registration along with Tender.

6 Instruction to Bidders

- i. Supply, Installation and Commissioning of Digital Language Lab will be done as per the work order.
- ii. The bidders will have to quote the price of all the Digital Language Lab along with their installation charges in the financial bid and the cumulative price shall be taken into consideration.
- iii. The Supply, Installation and Commissioning schedule shall be within 120 days from the date of issuing of work order at the location as mentioned below in the tender document and should be tested by the OEM personnel individually.
 - Tata College, Chaibasa
 - Mahila College, Chaibasa
 - G.C. Jain College, Chaibasa
 - K.S. College, Saraikela
 - L.B.S.M College, Jamshedpur
 - Baharagora college, Baharagora
 - S.B. College, Chandil
 - A.B.M College, Jamshedpur
 - Graduate College, Jamshedpur
 - Worker's College, Jamshedpur

- iv. In case of any discrepancy between rates mentioned in figures and words, the offer shall prevail. If there is any discrepancy between the unit price and the total the unit price shall prevail and the total price shall be corrected.
- v. Price must be quoted in India rupees inclusive of all taxes and typed in both word and figure. Typing errors or cutting must be supported by due initial with Date. Noncompliance or overwriting will lead to rejection of quotation.
- vi. The bidder whose tender is accepted has to supply the items within the stipulated Period as mentioned. After successful installation by bidder company's/Authorized partner technical support will be provided as when required for duration of 36(thirty six) months.
- vii. Kolhan University may forfeit the EMD amount deposited if the bidder fails to supply all the items in stipulated period as mentioned above.
- viii. The EMD amount of unsuccessful Bidders will be refunded/ returned without interest after completion of tender formalities.
- ix. The price bid shall be evaluated on L1 basis as well as on Turnkey basis also.
- x. No representation for change of rate once accepted will be considered.
- xi. If the items supplied by the accepted bidder are not as per the specified model and specification of the Digital Language Lab Kolhan University reserves the right to reject them.
- xii. The tender should be submitted in two cover system i.e. A: Technical Bid along with Tender Fee and EMD and B: Price Bid. There should be proper indication of the contents on each envelope.
- xiii. The Bidders shall seal the envelope No.1 Technical envelope and envelope No.2 Financial envelope in separate inner envelopes, duly marking the envelopes as "envelop No.1, Technical Envelope" and "envelope No.2 Financial Envelope". He shall then place these two envelopes in an outer envelope. Both the inner envelopes and the outer envelope should be addressed to: Registrar, Kolhan University, Chaibasa, West Singhbhum, Jharkhand-833201
- xiv. Any bid received by the Tendering Authority after the deadline for submission of bids prescribed by the Tendering Authority, will be rejected and / or returned unopened to the Bidder.
- xv. The Tendering Authority will award the work to the Successful bidder bid whose bid has been determined as the lowest evaluated bid provided further that the bidder is technically eligible.
- xvi. Bidders are strictly advised to submit the Details of full specifications along with warranty period with technical bid.
- xvii. The supplier will have to assume onsite support of the supplied items.
- xviii. During the onsite warranty period of 03 (Three) year the bidder shall have to rectify/change free of cost any hardware/software defect.
- xix. Bidder shall make available all the hardware/software needed to operationalize the Digital Language Lab Equipment's.
- xx. Bidder should depute one person for carrying out necessary operations and for imparting training for one week from the date of operationalization of the Digital Language Lab.
- xxi. Tender Notice No. and date must be prescribed/mentioned on the envelope containing Tenders.

- xxii. In case of system integrator, if not a manufacturer must Submit the tie-up certificate with the manufacture with assurance to supply the offered quantity.
- xxiii. Declaration by the bidder of providing demonstration & training to the University operators needs to be submitted with the tender.
- a. Declaration should be submitted regarding emergency Break down services with schedule.
- xxiv. The Quantity of item in B.O.Q (Bill of Quantity) may vary in case necessity arises.
- xxv. Bidder shall not have any dispute or claim for any kind of Compensation.
- xxvi. The University reserves the right to accept or reject any tender without assigning any reason or relax any condition.
- xxvii. All legal disputes are subject to the jurisdiction of Chaibasa courts only.
- xxviii. Kolhan University reserves the right to verify, if it so desires, the correctness of documentary evidence furnished by the bidder. (In the absence of the above documents along with Annexure as per the Tender, the bid is likely to be rejected.)

6.1 Cost of bidding

The Bidder shall bear all costs associated with the preparation and submission of its bid, and Kolhan University will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

6.2 Composition of Tender

The goods required, bidding procedures, and contract terms are prescribed in the Tender document. In addition to the Invitation for Bids, the Tender document includes:

- Instructions to Bidders
- General Terms and Conditions
- Introduction
- Scope of work
- Annexure
- Supporting document of Tender

The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or to submit a Bid not substantially responsive in every respect will be at the Bidder's risk and may result in the rejection of its bid.

6.3 Amendment of Bidding Documents

- i. At any time prior to the deadline for submission of bids, the Tendering Authority may, for any reason, whether on its own initiative or in response to the clarification requested by a prospective Bidder, modify, change, incorporate or delete certain conditions in the bidding document. Such amendments will be published on the website: www.Kolhanuniversity.ac.in or newspaper such publication will be considered as adequate notice to all prospective bidders.

- ii. In order to allow prospective Bidders reasonable time to take into consideration the amendments while preparing their bids the Tendering Authority, at its discretion, may extend the deadline for the submission of bids.

6.4 Preparation of Bid

6.4.1 Language of Bid

The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Tendering Authority shall be in English only.

6.4.2 Bid Currency

Prices shall be quoted in Indian National Rupees only and must be inclusive of all taxes.

6.4.3 Technical Bid

The technical proposal should address all the areas/ sections as specified in the Technical Criteria as specified in this Tender. The technical proposal should demonstrate how the bidder will provide the required services outlined in this Tender. It should articulate in detail, as to how the bidder's Technical Solution meets the requirements specified in the Tender. The technical proposal must not contain any pricing information. In submitting additional information, beyond what has been explicitly asked for, please mark it as "supplemental" to the required response. If the bidder wishes to propose additional services (or enhanced levels of services) beyond the scope of this Tender, the proposal must include a description of such services as a separate attachment to the proposal.

6.4.4 Financial Bid

Unless explicitly indicated, bidder shall not include any technical information regarding the services in the financial proposal. Conditional price bid would not be acceptable to Tendering Authority.

6.5 Bid Opening and Evaluation of Bids

- i. Bids will be opened on date and time indicated in presence of Bidders or their representatives who chose to attend on the specified date and time.
- ii. After opening of the technical bids, those bidders, who are technically eligible (i.e. who satisfy the Qualification criteria) and have submitted all the documents mentioned in Qualification criteria, the financial bids of the technically qualified bidders will be opened. The date of this meeting shall be announced.
- iii. The Bidder's representative who is present shall sign an attendance. In the event of the specified date of bid opening being declared holiday for the tendering authority, the bid shall be opened at the appointed time and location on the next working day.

6.6 Clarification of Bids

During evaluation of bids, Tendering Authority may at its discretion, ask the Bidder for clarification of its bid. The request for clarification and response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted.

6.7 Contacting the Tendering Authority

- i. No Bidder shall contact the Tendering Authority on any matter relating to its bid, from time of opening to the time the contract is awarded. If he wishes to bring additional information to the notice of the Tendering Authority, he should do in writing. The Tendering Authority reserves the right as to whether such additional information should be considered or otherwise.
- ii. Any effort by a Bidder to influence the Tendering Authority in its decision on bid evaluation, bid comparison or contract award may result in disqualification of the Bidder's bid and also forfeiture of his bid security.

6.8 Bid Validity

The quoted offer and/or rates must be valid for a minimum period of 180 Days from the date of opening the Techno- Financial bids. The tender inviting authority reserves the right for seeking extension of validity of offered rates from the qualified Bidder(s). Acceptance of such request during actual offer is however optional to the Bidder. A bid valid for a shorter period shall be rejected by the tendering authority as non –responsive. In exceptional circumstances, the Tendering Authority may solicit the Bidders consent to an extension of the period of validity. The request and response there to shall be made in writing.

6.9 Award of Work

- i. The finalization of the tenders will be done by the tender committee constituted by Registrar, Kolhan University, Chaibasa, West Singhbhum, Jharkhand.
- ii. The Tendering Authority will award the work to the Successful bidder whose bid has been determined as the lowest evaluated bid provided further that the bidder is found technically eligible.
- iii. The successful bidder will complete the entire job of one college up to operationalization of project & submitting the performance guarantee the bidder may take the payment as needed after that the bidder will have to move for next site.

6.10 Performance Bank Guarantee

At a time or before submission of bill to Kolhan University, Chaibasa, the successful Bidder shall furnish performance guarantee bond to the Registrar, Kolhan University, Chaibasa which shall be **equal to 10 (Ten) percent** of the bill value and shall be in the form of a Performance Bank Guarantee from a Commercial & Scheduled Bank as per the Proforma given in **Annexure 3**.

The validity of bank guarantee shall be **1 year** after award of contract.

6.11 Corrupt or Fraudulent Practices

The Tendering Authority requires that the Bidders / suppliers / contractors under this tender observe the highest standards of ethics during the procurement and execution of such contracts.

In pursuance of this policy, the Tendering Authority:

- i. Defines for the purposes of this provision, the terms set forth as follows:
 - a) “Corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of the public official in the procurement process or in contract execution; and
 - b) “Fraudulent practice” means a misrepresentation of facts in order to influence procurement process or an execution of a contract to the detriment of the Tendering Authority, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non- competitive level sand to deprive the Tendering Authority of the benefits of the free and open competition.
- ii. The tendering Authority will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
- iii. The tendering Authority will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has engaged in corrupt and fraudulent practices in competing for, or in executing, a contract.
- iv. The past performance of the Bidder will be crosschecked if necessary. If the facts are proven to be dubious, the Bidders tender will be ineligible for further processing.

6.12 Interpretation of the clauses in Tender

In case of any ambiguity in the interpretation of any of the clauses in Tender Document or the Contract Document, the Tendering Authority’s interpretation of the clauses shall be final and binding on all parties.

6.13 Decision Taken

The decision taken by the Tender Committee in the process of Tender evaluation will be full and final.

6.14 Delivery of Items

The bidder shall be responsible for delivery and installation of the ordered item(s) at College level for making them fully operational. Delivery of the Items shall be made by the Provider in accordance with the terms and specification specified in work order. The time line for the implementation of the project will be effective from the issuing date of work order.

6.15 Troubleshooting and Maintenance Support:

Support, in terms of Troubleshooting and Maintenance of the system in totality and parts comprising it thereof at individual locations shall be provided to Kolhan University, Chaibasa by Selected Bidder for Three (03) year with entire term of the warranty period. OEM warranty

will continue to exist so long as provided by the OEM and shall be carried out by Selected Bidder within the stipulated warranty period. The following terms and conditions apply to Operational and Maintenance support as would be provided by Selected Bidder to Registrar, Kolhan University, Chaibasa:

All support should be made available at the site of installation for Three (03) year. For all failures due to malfunctioning and/or damage, the replacement/repair should be completed and the system back in its usual operational state as it was before the failure guarding useful data from corruption / loss within forty-eight (48) hours. This is applicable to the system in totality or in parts thereof. For similar situations arising beyond the period of Three (03) year as decided upon, but within the period of OEM warranty, Bidder will make available the OEM's support within the shortest possible time.

For materials delivered to the installation site with broken seal for reasons whatsoever, the maximum downtime in case of malfunctioning and/or damage would be forty-eight (48) hours irrespective of the location.

Selected Bidder would provide to college with technical knowledge required for smooth functioning of the system for the total duration of the project.

For all sorts of operational and performance failures, Selected Bidder would extend support to Kolhan University, Chaibasa in bringing the system back to normal operating state. This would be applicable irrespective of the reason of the failure and / or malfunction.

Maintenance of equipment will be done by Selected Bidder within the time frame.

Selected Bidder will render These services to Kolhan University, Chaibasa with System and Administration Services within the stipulated time of the project.

Selected Bidder will build and maintain a team of engineers and trained technicians who would attend the problems as and when reported to them over telephone /web login. The calls made, would be numbered so that they can be referred to, later.

The maintenance and support services should be made available to Kolhan University, Chaibasa, Jharkhand on site by Selected Bidder within stipulated time as mentioned earlier and would be available at any time between 10:00 am to 5:00 pm on all days except Sundays & Holidays. In case of emergency repair work, however the timings and day schedule might change. The work shall include running and maintaining the entire supplied items for colleges. Hardware, Software and all accessories related to IT equipment to the concern colleges will have to provide by bidder. All hardware and accessories have to arrange and maintain on 24x7 basis for three (03) year. Total warranty period: three (03) year (Submit document).

6.16 Force Majeure

- i. For purposes of this clause, "Force Majeure" means an event beyond the control of the Provider and not involving the Provider's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchase either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

- ii. If a force Majeure situation arises, the Provider shall promptly notify the Tendering Authority in writing of such conditions and the cause thereof. Unless otherwise directed by the Tendering Authority in writing, the Provider shall continue to perform its obligations under the Contract as far as it reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure.

6.17 Resolution of disputes

The matter regarding any dispute shall first be sorted out at the level of Kolhan University, Chaibasa. If the dispute persists to remain unresolved then it will be entertained, heard & finalized as per the provisions of the Arbitration and Conciliation Act, 1996.

6.18 Legal Jurisdiction

All legal disputes are subject to the jurisdiction of Chaibasa courts only.

6.19 Taxes and Duties

The rates quoted shall be in Indian Rupees and shall be inclusive of all taxes, duties as applicable up to the completion of job. Any increase in the rates will not be allowed.

6.20 Binding Clause

All decisions taken by The Tendering Authority regarding the processing of this tender and award of contract shall be final and binding on all concerned parties.

6.21 Payment Terms

- i. Payment shall be made after quality and quantity of items supplied is verified and certified.
- ii. The Bidder should produce Cancelled Cheque & Bank Details for making e-payment along with Tender.
- iii. 80% payment will be made along with submission of Performance Bank Guarantee of 10% of the submitted bill and proof of Delivery, installation and commissioning of supplied items.
- iv. Payment Bill of the Bidder will be made after satisfactory report given by the Principal, related committee of the college and ccdc of Kolhan University, Chaibasa
- v. The time allowed for carrying out the work as entered in the tender shall be strictly observed by the Bidder and shall be reckoned from the date on which the written order to commence work is given to the Bidder. The work shall throughout the stipulated period of the contract be carried on with all due diligence (time being deemed to be the essence of the contract on the part of the contract or) and the Bidder shall pay as compensation an amount equal to 1/2 percent on the amount of the estimated cost of the whole work as shown by the tender for everyday that the work remains uncommenced or unfinished after the proper date and further to ensure good progress during the execution of the work the Bidder shall be bound in all cases in which the time allowed for any work exceeds one month to complete one fourth of the whole of the work before one half of such time elapsed and three fourths of the work before three fourths of such time has elapsed in the event of the Bidder failing to employ with this condition. Bidder shall be liable to pay as compensation an amount equal to 1/2 percent on the said estimated cost of the whole work for every day that the due quantity of work remains incomplete provided always that the entire amount of compensation to be paid under the provisions the clause shall not exceed 10 percent of the estimated cost of the work as shown in the tender.

ANNEXURES

ANNEXURE 1- BIDDER PROFILE

S.No.	Particulars	Details to be Furnished
Details of the Bidders(Firm/Company)		
1.	Name	
2.	Address	
3.	Telephone :	Fax:
4.	Email:	Website:
Details of Authorized Person		
5.	Name	
6.	Address	
7.	Telephone:	Email:
Information about the company(Submit document)		
8.	Status of company (Public Ltd/Pvt. Ltd)	Date:
		Ref#:
9.	Number of Professionals	
10.	Location and Address of Offices (in Jharkhand and India (Head office))	
11.	Goods and Services Tax (GST) Registration Number	
12.	Income Tax Registration Number (PAN)	

Signature of the Bidder

ANNEXURE 2- BIDDER'S AUTHORIZATION CERTIFICATE

**To,
The Registrar,
Kolhan University,
Chaibasa, West Singhbhum, Jharkhand**

<Bidder's Name>, _____ <Designation> _____ is hereby authorized to sign relevant documents on behalf of the company in dealing with Tender of reference <Tender No. & date>. He is also authorized to attend meetings & submit technical & Financial information as may be required by you in the course of processing above said tender.

Thanking You!

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Authorized

Signatory -----

<Company's Name> Seal

ANNEXURE 3- PROFORMA FOR PERFORMANCE BANK GUARANTEE

Ref: _____

Bank Guarantee No _____

**To,
The Registrar,
Kolhan University,
Chaibasa, West Singhbhum, Jharkhand**

Against Contract vide Advance Acceptance of the Tender No..... Dated of Kolhan University, Chaibasa covering the Supply, Installation and Commissioning of Digital Language Lab (Hereinafter called " The Said Contract") entered into between Kolhan University, Chaibasa and the_____ (Hereinafter called the "The Bidder"), this is to certify that at the request of the Bidder we Bank_____ are holding in trust in favour of the client, the amount (write the sum here in words) to indemnify and keep indemnified the department against any loss or damage that may be caused to or suffered by Kolhan University, Chaibasa by reason of the said Contract and / or in the performance thereof. We agree that the decision of Kolhan University, Chaibasa whether any breach of any of the terms and conditions of the said contract and / or in the performance thereof has been committed by the Bidder and the amount of loss or damage that has been caused or suffered by Kolhan University, Chaibasa shall be final and binding on us and the amount of the said loss or damage shall be paid by us forthwith on demand and without demur to Kolhan University, Chaibasa.

We Bank further agree that the guarantee herein contained shall remain in full force and effect during the period that could be taken for satisfactory performance and fulfillment in all respects of the said Contract by the Bidder i.e. till (viz. The date up to 12 months after the date of successful implementation) hereinafter called the said date and that if any claim arises against us_____ Bank by virtue of this guarantee before the said date, the same shall be enforceable against us Bank _____notwithstanding the fact that the same is enforced within six months after the said date, provided that the notice of any such claim has been given to us Bank by the purchaser before the said date. Payment under this letter of guarantee shall be made promptly upon our receipt of notice to that effect from Kolhan University, Chaibasa. It is fully understood that this guarantee is effective from the date of the said Contract and that we Bank undertake not to revoke this guarantee during its currency without the consent in writing of Kolhan University, Chaibasa.

We undertake to pay Kolhan University, Chaibasa any money so demanded notwithstanding any dispute or disputes raised by the Bidder in any suit or proceedings pending before any Court or Tribunal relation thereto our liability under this present bond being absolute and unequivocal.

The payment so made by us under this bond shall be a valid discharge or our liability for payment there under and the Bidder shall have no claim against us for making such payment.

We _____ Bank further agree that Kolhan University, Chaibasa shall have the fullest liberty, without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said Contract or to extend time of performance by the Bidder from time to time or to postpone for any time or from time to time any of the powers exercisable by Kolhan University, Chaibasa against the

said Bidder and to forbear or enforce any of the terms and conditions relating to the said Contract and we, Bank shall not be released from our liability under these guarantee by reason of any such variations or extension being granted to the said forbearance and / or omission on the part of Kolhan University, Chaibasa or any other matter or thing whatsoever, which under the law relating to sureties, would but for this provisions have the effect of so releasing us from our liability under this guarantee.

The guarantee is for an amount of Rs. _____ (In figures Rs. _____).

This guarantee shall not be discharged due to the change in the constitution of the Bank or the Bidder.

DATE: -

PLACE:

SIGNATURE: -

WITNESS: -

PRINTED NAME:

.....(BANK'S COMMON SEAL)

Date _____

ANNEXURE 4- SELF DECLARATION FORM

Ref: _____

Date: _____

**To,
The Registrar,
Kolhan University,
Chaibasa, West Singhbhum, Jharkhand**

In response to the tender No. _____ dt. _____ Of

Ref. _____ as owner/partner/ of _____

I / We here by declare that our Agency is having unblemished past record and was not declare ineligible for corrupt & fraudulent practices either indefinitely or for a particular period of time.

Name of the Bidder: -

Signature: -

Seal of the Company: -

ANNEXURE 5- CERTIFICATE OF CONFORMITY

Date: _____

**To,
The Registrar,
Kolhan University,
Chaibasa, West Singhbhum, Jharkhand**

CERTIFICATE

This is to certify that, the service for supply installation, Commissioning and maintenance and service which I shall provide, if I am awarded with the work, are in conformity with the Scope of Work in the Tender document. I also certify that the price I have quoted per unit cost basis is inclusive of all the cost factors involved in the execution of the project, to meet the desired standards set out in the Conditions of the contract.

Name:

Designation:

Seal:

ANNEXURE 6- MANUFACTURER'S AUTHORIZATION FORM

To,
The Registrar,
Kolhan University,
Chaibasa, West Singhbhum, Jharkhand

Whereas _____ (Name and Address of the Manufacturer) who are established and manufacturers of (Name/description of the products), having production facilities at _____ (Address of factory) do hereby authorize M/s _____ (Name and Address of the Bidder) to submit a bid, for providing support and warranty for 1 year against Tender No _____ dated _____ for the above products manufactured by us, for the supply requirements of the above invitation of bids.

We hereby extend full guarantee for the products offered are not end-of-life for supply by the above firm against the said Tender and duly authorize said firm to act on our behalf in fulfilling all installation, technical support and maintenance obligations as required by Kolhan University, Chaibasa.

Name: **(In the capacity of)**

(Duly authorized to sign the authorization on and behalf of)

Signature:

Dated this _____ day of _____ 2018

Note: This letter of authority must be on the letterhead of the concerned manufacturer and must be signed by a competent person and having the power of attorney to bind the Manufacturer and, must be included by the Bidder in its bid for each proposed hardware items

ANNEXURE 7

TECHNICAL BID FORM (Enclosed with Technical Bid)

Bid: Technical Proposal Sheet (Enclosed with Technical Bid)

Bidders Proposal Reference No. and Date:

Bidders Name and Address:

Person to be contacted:

Designation:

Telephone No(s) Telex No.:

Fax No.:

To

Registrar, Kolhan University, Chaibasa

Subject: Submission of Technical Proposal for Supply, Digital Language Lab.

Sir,

1. We, the undersigned Bidders, having read and examined in detail the Specifications and all the bidding documents as specified in the Tender Reference No.:Date:
2. Price and Validity
All the prices mentioned in our proposal are in accordance with the terms as specified in bidding documents. All the prices and other terms and conditions of this proposal are valid for a period of 180 calendar days from the date of opening of the Bids. We are an Indian firm and do hereby confirm that our Bid prices are inclusive of all taxes.
3. Unit Rates
We have indicated in the relevant schedules enclosed the unit rates and in case of any discrepancy in the unit price & the total price, the unit price shall prevail and the total price shall be corrected.
4. Tender Fee
We have enclosed a Demand Draft in favour of Registrar, Kolhan University, Payable at Chaibasa, for a sum of Rs. 50,000/- (Fifty Thousand only).
5. EMD
We have enclosed a BG/DD/FDR in favour of Registrar, Kolhan University, Payable at Chaibasa, for a sum of Rs 8,97,602/- (Eight Lakhs Ninety Seven Thousand Six Hundred Two only) This EMD is liable to be forfeited in accordance with the provisions of Bid documents.

We declare that all Services/Works shall be performed strictly in accordance with the Scope of Work.

6. Bid Pricing

We further declare that the prices stated in our proposal are in accordance with your Instructions to Bidders included in bidding documents.

7. Bid Price

We declare that our bid prices are for the entire scope of the work as specified in the technical specification and bid documents. These prices are indicated in Annexure 9 attached with our proposal as part of the Financial Bid. We hereby declare that our proposal is made in good faith, without collusion or fraud and the information contained in the proposal is true and correct to the best of our knowledge and belief.

8. Performance Guarantee

We hereby declare that in case the Contract is awarded to us, we shall submit the Performance Guarantee Bond in the form prescribed at Annexure 3.

We hereby declare that our proposal is made in good faith, without collusion or fraud and the information contained in the proposal is true and correct to the best of our knowledge and belief.

Format for Technical Proposal

Sr. No.	Description of Item	Description of Item quoted by bidder	Compliance	Qty.	Unit	Unit Price	Total Price
1.				----	----	----	----
2.				----	----	----	----
3.				----	----	----	----
4.				----	----	----	----
5.				----	----	----	----

Thanking you,

Yours faithfully,

(Signature) Printed Name and Designation:

Seal:

Date:

Place:

Business Address:

ANNEXURE-8
REFERENCE WORK ORDER & COMPLETION CERTIFICATE

Name of the firm _____

Address:

Period from _____ to _____

S/N	Order No. & Date	Order Placed by (Please furnish full contact)	Items Supplied	Order Value	Date of project completion		Remarks (in case of delay in project completion)
					As per Contract	Actual	
1							
2							
3							

Date: _____

Place: _____

Signature of the Bidder:

Note: The Bidder must enclose the relevant Work Order and Certificate of satisfactory completion for each such order

ANNEXURE 10

FORM "B"

FORM OF BANKERS WORTHINESS CERTIFICATE FROM SCHEDULED BANK

This is to certify that to the best of our knowledge and information M/s./Shri.....
having marginally noted address, a customer of our bank are/is respectable and can be treated as good for
any engagement upto a limit of

(Rupees.....).

This certificate is issued without any guarantee or responsibility on the bank or any of the officers.

(Signature)

For the Bank

NOTE:

- 1) Bankers certificate should be on letter head of the Bank, sealed in cover addressed to tendering authority.
- 2) In case of partnership firm, certificate should include names of all partners as recorded with the Bank.

ANNEXURE 11

FORM "A"

FINANCIAL INFORMATION

- I. Financial Analysis-Details to be furnished duly supported by figures in balance sheet/profit & loss account for the last Three years duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department (Copies to be attached).

S.No.	Description	Years		
		2015-16	2016-17	2017-18
i)	Gross Annual turnover			
ii)	Profit/Loss			

- II. Financial arrangements for carrying out the proposed work.

- III. Bank worthiness Certificate from Bankers of bidder in the prescribed Form "B"

SIGNATURE OF BIDDER(S)

Signature of Chartered Accountant with Seal

ANNEXURE 12

Requirement List

S.N	ITEM DESCRIPTION	Qty.	Unit	Unit Price	Total Price
1.	<p>Multi User LAN based Digital Language Lab Software of latest version with license. compatible for Indian Learners, also be capable of creating new modules in new local languages Compatible with English UK and India.</p> <ul style="list-style-type: none"> • Unique Specified Features of Digital Language Lab Intercom: Text Chat; Audio Chart; Video Chat, Communicator: Text Message; Audio Message; Video Message, Teachers view panel to monitor students academic performance, Supervisor : Picture; Audio; Video, Alert: Text Chat; Audio Chart; Video Chat, eBoard/Whiteboard, Controller, Screen Viewer, eAssignments, Reports, Lesson Studio, eReader, eWriter, Online notice board, Model Student: View Assignment; View Screen; Listen Model; View Model; Text Chat; Audio Chat; Video Chat, Sharing & Grouping: Text Chat; Audio Chat; Video Chat; Get Assignment; View Screen, Live Class: Text Mode; Audio Mode; Video Mode, Conferencing: Text Mode; Audio Mode; Video Mode, eExam (Paperless Exam), Online video streaming feature, Plug and play features through external drive by both teachers and students, Video Streamer, Graphical Representation: Voice Comparison, Video Chatting, Share Teacher's screen to the students, Homework, Exercises with Instant scoring, Voting / Survey, Assessment of Speaking test and Mark Sheet, Assessment of Listening test +, Any Language Compatible, Integrated Study Material, Life Time Perpetual License, • The main interface of the teacher with password protected login should have different options to help the tutor to teach effectively in a lively manner. • Teacher should be able to communicate to an individual student without disturbing others through audio/video/text and similarly, students should have the option to talk to the teacher personally. • Teacher should be able to broadcast messages selected students, a group or to a whole class by instant messaging, audio and video chatting. • Teacher should have real time monitoring of students' activity. An incognito supervision of students' activities by listening discreetly to the voice of the 	01	License		

	<p>selected students and view the web-cam image of the student.</p> <ul style="list-style-type: none"> • Teacher should have the option to emulate a normal classroom whiteboard, where teacher can type or draw on the board and send that to single, a group or to all students. • Teacher should be able to control the student's computer from their own desk and Shutdown, Reboot, Log off, Lock screen, Enable/Disable Input (keyboard & mouse). • The teacher should be able to create and assign lessons/works to selected students, a group or to a whole class. • The teacher should have the tool for live screen capturing of a student screen to monitor the student's activity which should be done from the teacher's desk. • There should a tool to enable the teacher to view students directly through their webcam to evaluate in a better way on the learning progress of individual student. • The teacher should be able to create and assign homework to students: Online and Offline Home Work, Reading and writing assignments. The students should be able to download these files and work at their convenience and upload to teacher when completed. • The teacher should be able to set a student as model for the whole class and other students in the class should be able to view, listen and talk with the model student. • The teacher should be able to group students temporarily so that the students can communicate with each other by using text chat facility, audio message and video talks. • The teacher should be able to create their own audio/video lessons and enable to assign the pre-recorded lesson for future dates. • The teacher should be able to upload PDF files (e-books) for the students to read and able to provide writing assignments to the students. • The teacher should be able to write message or a piece of information on the notice and leave it for students to view online or later and set the validity of the notice board. • The teacher should be able to stream online internet videos/movies for showing it to students. The teacher should stream movies to selected students or to the whole class and save the teacher's time for downloading the movie file and sharing it with the students. • The teacher should be able to plug or insert any 				
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	<p>external device (USB, CD/DVD) and to play or use the files.</p> <ul style="list-style-type: none"> • The teacher should be able to select video from a variety of sources such as a TV/DVD player, satellite receivers and play that video directly to the students' desktops. • The teacher should be able to pair or group students for debates for group discussions and observe/control them selectively, by groups. The students should be able to discuss with their group members with the permission of the teacher. • The teacher should be able to conduct live language classes and the system should be able to record the feedback of all the students simultaneously. • The teacher should be able to view the assignments submitted by the students and respond to the students with the feedback. • The teacher should be able to group the students and then assign topics to them for discussion which should be recorded with downloadable file of the recordings. • The teacher should be able to create online exams and conduct them based on the assigned audio/video lessons. The teacher should have option to create questions in the form of MCQ, True or False, Fill in the blanks or Match the following and should generate scores automatically. • Software should be of life time perpetual license, integrated with extensive study material of multimedia media files of text, audio, video in English with option in UK, US and Neutral accents and along with basic language learning material in French, Spanish, German, Italian, Greek, Portuguese, Chinese and Arabic. • Software should be able to automatically generate graphical representation on the recorded audio of the learner as against the originals for self-assessment and evaluation. • The software should be with one-year onsite warranty and should include delivery, onsite installation, onsite trainings and 24/7 online support services. • In windows both client and server configuration is possible. Linux is not mandatory. 				
2	<p>Audio Headphone mic- Specification: Head Phone USB Plug and play Noise cancelling microphone Full Stereo sound Cable length: 6 ft/1.8m Frequency response: Headset: 20 Hz – 20,000 Hz</p>	01	No.		

	Microphone: 100 Hz – 10,000 Hz Sensitivity: -40 dBV/Pa +/- 3 Db				
3.	Webcam Capture Mode: Plain Live Capture Image Quality: Full Frontal (0x01) as per ISO/IEC 19794-5 Minimum Image Resolution: 800 x 600 Pixels Capture Method: Manual Capture with Auto Focus Auto Lighting Adjustment: Available Native Sensor Resolution: 2013760 Mega Pixel Connectivity: High Speed USB 2.0, USB-IF certified Lens: Fixed, SLR Power: Through USB Mount: Tripod Operating Temperature Range: 0 – 50 Degree C Humidity: (RH) 10 - 90 % Durability (Shock Resistant): Yes Availability Of Device Certification From STQC: Yes Safety Standard: UL Software API: Compliant with UIDAI Device Capture API specification V1.0 RC 3 Operating System Compatibility Windows	01	No.		
4.	Flooring with branded Vitrified Ceramic Tiles and all materials including cost of fitting and – Size of floor per sq.ft.	01	sq.ft.		
5.	Wall painting with (Putty) & Primer application, includes coat of wall primer, includes application of putty, includes task of smoothing the Putty surface using Sandpaper Two Coat/hands of paint is applied without Wall POP. per sq.ft.	01	sq.ft.		
6.	Floor carpeting and all materials including cost of fitting per sq.ft.	01	sq.ft.		
7.	Aluminum Window with Aluminum Channel, Laminated board, glass and cost of fitting per sq.ft.	01	sq.ft.		
8.	Aluminium Door with Aluminium Channel, Laminated board, glass and cost of fitting per sq.ft.	01	sq.ft.		
9.	Additional Arrangement with heavy wires including power points, Light points, Fan points, Computer power points, Air Conditioner points and Main power points all arrangement with underground pipe wiring giving a decent outlook per Points	01	Point		
10.	Curtains of branded/high quality fabrics for computer lab With rods and brackets for fixing and furnishing per sq.ft.	01	sq.ft.		
11.	Electrical Wiring Wiring included in this rate is wiring that is running between switchboard and endpoint within same room, PVC Conduit pipes which are ISI certified. Includes Wire, Switch & Switch board.	01	Running ft.		

	Material used is of branded company & of good quality rate includes all fixing charges & wiring, Rate also includes the task of scrapping plaster to place conduit pipe. Once wiring is done, cement grouting is on above scrapped line of plaster. Per Running ft.				
12.	Trainee system consoles-Intel 7th Generation Series (Core i5) Processor Family or higher, Motherboard: Intel chipset based OEM motherboard with support for PCI Express x16 graphics port, Memory: 4GB RAM DDR3 or better with minimum 2DIMM Slots expandable up to 32GB, Hard Disk Drive: 1 TB 7200 rpm SATAII (3Gb/s), Hard Disk Controller: Integrated On-Board Hard Disk Controller supporting Serial ATA Interfaces, Monitor: 21.5" Wide TFT TCO monitor with internal speakers in the monitor, Display: Support dual Display, Power Supply: Minimum 200W SMPS, Security (Hardware) : TMP 1.2 Security chip, Key Board: USB / PS2 104 Keys or more Multimedia Keyboard Rupee Symbol ready isolated keyboard, Mouse: USB/PS2 Optical Scroll Mouse, Network Card: Integrated on board Ethernet Controller 10/100/1000 with PXE support and Remote wake up, Interfaces: 1Serial, 1 parallel, Minimum 4 USB Ver. 2.0 (with 2 in front) & 2 NOS USB VER 3.0.Audio Ports, Expansion-Graphics Slots: Total 4PCI series slots with at least 1PCIe X16 slot, Cabinet: MATX Cabinet with at least 4 bays (2x5.25" External, 1x3.5" External, 1x3.5" Internal), Audio: Integrated on board audio controller, Management Software: Single utility / management software Application and data recovery Secure data removal (permanent and irreversible) Asset health and tracking software A web based management console that provides a single interface to manage all the systems in a site, Certification: EPEAT, UL, FCC, Window 10 Certification, Linux certification, ISO 9000/9001-14000, OEM Ranking: Among Top 5 Global Brand as per IDC rating, One (01)Year Warranty, Operating System: Windows 10 Professional (64bit), Microsoft office standard 2016, Antivirus for 1year.	01	No.		
13.	Intel® Xeon® Processor (3.3GHz/4 cores/8M Cache/80W) 8 GB DDR3-1600 U Memory (Max scalability Up to 64 GB) 1TB NHP SATA LFF HDD (Max scalability – 3 LFF) HPE Dynamic Smart Array B140i Controller,1 x SATA 9.5mm DVD RW Optical Drive 1 x 300 Watts Non-Hot Plug,1-Port Ethernet Server Adapter (X1) 1Yr. Onsite Warranty, USB Keyboard & Optical Mouse,18.5" Monitor	01	No.		

	Microsoft Windows Server 2016, Antivirus for 1-year Server Edition.				
14.	<p>20 KVA online UPS Capacity:20KVA / 9KW load with 0.9 P. F Technology: 20KVA rack mountable double conversion true online ups with insulated gate bi-polar transistor (IGBT) technology based rectifier & inverter both. UPS must be having dual mains input connected to two different power sources & hot swappable batteries for continuous operations when the batteries are being replaced. Form Factor:4U AC Input Voltage range/phase: 100-280 V with 1:1 & 3:1 options in same UPS UPS efficiency at full load: min 94% or more INPUT frequency range: 40-70HZ (auto sensing) AC OUTPUT voltage: Configurable for 220:230:240 V OUTPUT FREQUENCY: 50Hz ± 0.01% Wave form: Pure sine wave (output) Protection: Input over voltage protection, input under voltage protection, over voltage cut off. short circuit protection, over temperature, low battery & battery over charge protection should be provided. built in bypass switch must. Surge energy rating: Min 450 joules Software: UPS monitoring software with auto shutdown should be given in oem cd Overload capacity: 125% 1 Minute 30 Second > 150% to 175% 25 line cycles, > 175% 5 line cycle Harmonie distortion: Less than 3% Crest factor: 3:01 Indications & audible alarms: Mains on, inverter on, overload, load on mains, load on battery, battery low etc. Digital metering: LCD display for measurement of ac voltage, battery voltage, battery current, load current, output frequency etc. Battery features: Nominal voltage:12 Volts Rated capacity (C20 Hour rate at 27°C): 65 Ampere Hour Dimensions (±2 mm): Length: 351 mm, Width: 167 mm, Height: 175 mm Capacity@ 80.6°F(27°C): 20-hour rate (3.25A) upto 10.5V: 65.0 Ah, 10-hour rate (5.59A) upto 10.5V: 55.90 Ah, 5-hour rate (10.29A) upto 10.2V: 51.40 Ah, 1 hour rate (36.36A) upto 9.6V: 36.30 Ah, 15 minute rate</p>	01	No.		

	<p>(101.1A) upto 9.6V: 25.20Ah Internal resistance: Fully charged battery 80.6°F (27°C): 9.40 mΩ Capacity affected (Temperature at C20hour rate): 104°F (40°C): 110%,80.6°F (27°C): 100%,32°F (0°C): 80%,5°F (-15°C): 60% Self discharge80.6°F (27°C): Capacity after 3month storage: 90%, Capacity after 6 month storage: 80% Terminal Type: M6 x 20 mm Bolted Short circuit current: 1382 A Battery backup of 60 min using 12v smf or flooded battery compatibility. VAH should be minimum 12480 VAH. Battery ah to be mentioned along with quantity & battery paralleling will not be accepted. (Firms will be blacklisted for supplying tractor batteries or local stickered battery) IN-Built charger: IN-built charger should be min 7AMPS or greater. Charger amps to be mentioned external charger will not be accepted. Battery make: Battery make: EXIDE/ROCKET/QUANTA Environmental: Operating temperature : 0-40C, Noise level< 55DB Other details: IEC 320 Standards cable to be used Certification: Product manual is must. To be attached with tender documents. ISO 9001, ISO 14001, OHSAS 18001 Certified and certificate of rohs compliance product user manual to be submitted along with technical bid. the same is inherently required to evaluate technical specification. the user manual should be easily accessible in OEM website after sales support & manufacturer's: PAN India based service centre with 24x7x365 days support with dedicated toll free number having minimum 2 service centre in Jharkhand. (no local mobile/landline number for service will be entertained) Warranty: Minimum one (01) year onsite warranty on UPS & battery both with no charges on parts,labour& service during this tenure on ups repair or replace except physical damage or damage due to natural calamity UPS & battery OEM certificate to be enclosed along tender quotes our organization will not pay any extra charges during this tenure</p>				
15.	<p>Instructor/Trainee Chair-Seat & low Back, mesh chair with sturdy arms and detached back powered by castors. Dimension(W) 625mmX (D) 450mmX (H) 920mm Fixed Arms.</p>	01	No.		

16.	Instructor/Trainee table 3x2-Free standing table. Modular tables size 900mm (L) x 600mm (D) x 750mm (H).	01	No.		
17.	Cooling System- Capacity 2 ton, air conditioner, ISEER 3 star rated, Dual Inverter, with, Installation & commissioning charges, Outdoor stand for AC, Refrigerant cu pipe per meter, Drainage pipe per meter, Electric wire per meter.	01	No.		
18.	Display System 55"Professional Display PANEL, Screen Size: 55" Panel Technology IPS, Aspect Ratio: 16: 9 Native Resolution:1920 x 1080 (FHD), Brightness 350 nit Contrast Ratio 1100:1, Dynamic CR 500,000:1 Viewing Angle (H x V):178 x 178, Orientation: Portrait & Landscape, Connectivity: Input - HDMI, DVI-D, RGB, Stereo Mini Jack, USB (2) ,Output: Audio Out, External Control:RS232C (In/Out), RJ45, IR Receiver Environment Conditions: Operation Temperature 0 °C to 40 °C, Operation Humidity: 10 % to 80 % POWER: Typ. 70W, Smart Energy Saving 55W STANDARD(CERTIFICATION) Safety UL, cUL, EMC, FCC Class "A" ErP / Energy Star Yes / Yes (Energy Star 7.0)	01	No.		
19.	Projector Projection System 3LCD, 3-chip technology, Poly-silicon TFT Active Matrix, Pixel Number 1,024,000 dots (1280 x 800) x 3, Colour Brightness2 Colour Light Output: 3300 lumens, Aspect Ratio 16:10, Native Resolution 1280 x 800 (WXGA), Focal Length 3.71 mm, Throw Ratio Range (16:10) 0.27 – 0.37, Zoom Ratio Digital zoom 1.0 – 1.35x, Display Performance NTSC: 480 lines, PAL: 576 lines (Depends on observation of the multi-burst pattern), Input Signal NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/ SECAM, Interactive Technology Infrared, 940nm, Interactive Area (image size) 60-100" diagonal (16:10, WXGA), Interactive and Whiteboard modes Annotation, Pen: dual user, Finger: up to 6, PC-Free Annotation, two pens, and two fingers, Annotation Tools, Easy Interactive Tools, dual user, PC Annotation Sources USB, HDMI, Computer 1, Computer 2, LAN, Calibration Method Automatic or Manual, Interactive Connectivity USB cable for non-networked installs & LAN, Type of Interactive Input Device Digital Pen or finger, Interactive Pen Functions Mouse	01	No.		

	functions (left and right click), Electronic pen, LED battery status indicator				
20.	Supply and installation of 6' long ceiling mount Bracket along with 15 meters (VGA cable/ AV cable/power cable) & Concealed beating. All complete including necessary hardware, fitting, fixing.	01	No.		
21.	Supply and installation of 8x6(120) Hi gain motorized screen when presentation starts & spring action upwards. All complete including all necessary hardware, fitting and fixing.	01	No.		
22.	5 KVA Stabilizer for air conditioner with voltage range 90-280volt	01	No.		
23.	LaserJet Printer Print speeds (letter/A4)2: Up to 55/52 ppm Control panel: 2.7-inch (6.9 cm) LCD with keypad Automatic two-sided printing: available Hardware Integration Pocket: available 100-sheet tray 1, 550-sheet tray 2: available 550-sheet paper feeder: Optional (up to four) 2,100-sheet paper feeder: Optional Envelope feeder: Optional (up to two) Printer stand: Optional, 5-bin stapler/stacker/mailbox with job offset: Optional, Direct mobile printing: Optional wireless direct/NFC, Wireless networking: Optional, HP High-Performance Secure Hard Disk: Optional	01	No.		
24.	LAN Work— 8/16/24/48port 1000 base Switch-as per site CAT6A UTP Cable rolls with 305 meter. Length- as per site Laying of UTP Cable per m- as per site Conduit Pipe- as per site Laying of Conduit Pipe- as per site RJ-45 Connectors- as per site Patch chord - as per site I/o box with connectors- as per site Rack- 1 No. Fixing of Rack- 1 Job.	01	Job		
25.	Foot mat for computer Lab.	01	No.		
26.	Name plate for Computer Lab	01	No.		
27.	Remote access features should be added to Digital Language Lab Software. This software also support cloud based support.				

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