

Request for Proposal (RFP)

for

supply installation and maintenance of I.T. Infrastructure (Establishment of computer lab, Hardware, including desktops, P.C. sharing kit, networking equipment, operating system (GUI)/Office suit and Applications software, furniture and trainer etc.) in the schools across rural and urban areas of Bihar in an efficient and effective manner on Build Own Operate And Transfer Model (BOOT) for five years

NIT No. : 22 /2015-2016



DATE : AUGUST 06 , 2015

Bihar State Educational Infrastructure Development Corporation Limited

(A Govt. of Bihar Undertaking)

Shiksha Bhawan, Bihar Rastrabhasha Parishad Campus,
Acharya Shiv Pujan Sahai Path, Saidpur, Patna-800004, (BIHAR)
Ph.- 0612-2660850, Fax-0612- 2660256,
E-mail : bseidc@gmail.com, Website : www.bseidc.in

Disclaimer

The information contained in this Request for Proposal document (“RFP”) or subsequently provided to Bidders, whether in documentary or any other form by or on behalf of the Authority or any of its employees or advisers, is provided to Bidders on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.

This RFP is not an agreement and is neither an offer by the Authority to the prospective Bidders or any other person. The purpose of this RFP is to provide interested parties with information that may be useful to them in the formulation of their Proposals pursuant to this RFP. This RFP includes statements, which reflect various assumptions and assessments arrived at by the Authority in relation to the Services. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require.

This RFP may not be appropriate for all persons, and it is not possible for the Authority, its employees or advisers to consider the objectives, technical expertise and particular needs of each party who reads or uses this RFP. The assumptions, assessments, statements and information contained in this RFP, may not be complete, accurate, adequate or correct. Each Bidder should, therefore, before placing reliance on aforesaid assumptions, assessments, statements and information [furnished in this RFP, by the Authority and/or any of its consultant] conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments and information contained in this RFP and obtain independent advice from appropriate sources. For avoidance of doubt, in case any Bidder places reliance on any aforesaid assumptions, assessments, statements, data and information [furnished by the Authority and/or its consultant, in this RFP], then the same shall not in any manner bind/make liable the Authority and/or its consultant, to indemnify the Bidder in respect of any loss/damage/costs whatsoever arising out of or in connection with such reliance placed by the Bidder on the aforesaid assumptions, assessments, statements, data and information.

Information provided in this RFP to the Bidders is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Authority accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.

The Authority, its employees and advisers make no representation or warranty and shall have no liability to any person including any Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, reliability or completeness of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way in this Selection Process.

The Authority also accepts no liability of any nature whether resulting from negligence or otherwise however caused arising from reliance of any Bidder upon the statements contained in this RFP.

The Authority may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this RFP.

The issue of this RFP does not imply that the Authority is bound to select a Bidder or to appoint the Selected Bidder, as the case may be, for the Services and the Authority reserves the right to reject all or any of the Proposals without assigning any reasons whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Proposal including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the Authority or any other costs incurred in connection with or relating to its Proposal. All such costs and expenses will remain with the Bidder and the Authority shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an Bidder in preparation or submission of the Proposal, regardless of the conduct or outcome of the Selection Process.

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Key events and dates

S. No.	Particular	Details
(i)	Period of sale of Bid documents(Download)	17th August 2015 to 17th September 2015 upto 15:00 HOURS on website : www.eproc.bihar.gov.in
(ii)	Time, Date & Place of Pre-Bid Meeting	31th August 2015 ; at 15:30 HOURS in the office of MD, BSEIDC, Patna
(iii)	Last Date & Time for receipt(upload) of Bids	18th September 2015 ; up to 15:00 HOURS on
(iv)	Date & Time of Opening Technical Bids	22th September 2015 ; at 15:30 HOURS on Website: www.eproc.bihar.gov.in
(v)	Last Date of Submission of Queries	31th August 2015 ; up to 14:00 HOURS through e-mail: bseidc@gmail.com

1. Fact sheet

Clause Reference	Topic
Section 3.7.3	The method of selection is: Least Cost based selection
Section 3.5.2	<p>RFP can be downloaded from the following website on or before date and time as mentioned in the 'Key events and dates' table</p> <p>www.eproc.bihar.gov.in</p> <p>The bidders are required to submit the cost of tender Form fee is Rs.20,000/- (Rupees Twenty Thousand only) Per Zone (Per Bid) which is non-refundable. This fee shall be paid in form of demand draft of any nationalized bank located in India, payable at Patna, drawn in favour of "Bihar State Educational Infrastructure Development Corporation Ltd." before 22th September 2015 up to 3 PM & submit at Corporation office failing which the tender will be rejected.</p> <p>Beltron Bid processing fee is mandatory to be paid through online mode i.e internet payment gateway(credit/Debit card) net banking, NEFT/RTGS as required in e-tendering website.</p>
	Earnest Money Deposit of amount Rs. 50,000,00(Rupees Fifty Lakhs only) per Zone Separately by Demand Draft in favour of 'Bihar State Educational Infrastructure Development Corporation Ltd.' and payable at Patna from any of the nationalized bank before 22th September 2015 up to 3 PM &

Section 3.5.3	submit at corporation office failing which the tender will be rejected.
Section 3.12	Procurement is for services linked to “ supply installation and maintenance of I.T. Infrastructure (Establishment of computer lab, Hardware, including desktops, P.C. sharing kit, networking equipment, operating system (GUI)/Office suit and Applications software, furniture and trainer etc.) in the schools across rural and urban areas of Bihar mentioned above in an efficient and effective manner on Build Own Operate And Transfer Model (BOOT) for five years ”
Section 3.3	<p>A pre-Bid meeting will be held on date, time specified here at the following venue :</p> <p>The Managing Director</p> <p>Bihar State Educational Infrastructure Development Corporation Ltd.</p> <p>Shiksha Bhawan. Bihar Rastrabhasha Parishad Campus</p> <p>Acharya Shiv Pujan Sahay Path,</p> <p>Patna, Bihar –Pin Code-800004</p> <p>Clarifications/ queries may be submitted on or before the date mentioned in ‘Key events and dates’ table</p>
Section 3.6.2	Proposals should be submitted only in the following language: English
Section 3.6.7	Proposals must remain valid 180 days after the submission date
Section 3.5.4	<p>Bidders must submit/upload the documents as per the terms and conditions of the RFP in the following website:</p> <p>www.eproc.bihar.gov.in</p>
Section 3.6.3	The proposal shall not submitted/uploaded no later than the following date and time as mentioned in the ‘Key events and dates’ table

2. Background information

2.1. Basic information:

- (a) Government of Bihar invites responses (“Tenders”) to this Request for Proposal (“RFP”) from Original Equipment Manufacturer (OEM) agencies/authorized partners (“Bidders”) for the provision of Information and Communication Technology Hardware as described in the section 3.12 of this RFP (“Scope of Work”). Bihar State Educational Infrastructure Development Corporation Limited (BSEIDC) is the Nodal Agency for this government procurement competition (the “Nodal Agency”).
- (b) Any contract that may result from this RFP Process will be issued for a term of 5 years (the “Term”) which would include the hardware supply, warranty and maintenance support.

2.2. Project background:

The ‘ICT @ schools’ scheme is a window of opportunity to the learners in the Government aided Secondary and Sr. Secondary schools in the country to bridge the digital divide. The scheme is a comprehensive and well thought-out initiative to open new vistas of learning and to provide a level-playing field to school students, whether in rural areas or in the metropolitan cities.

Government of Bihar is planning to set up Computer Labs in Secondary Schools & Senior Secondary Schools in Bihar. The Computer Assisted Learning Model uses a Network of minimum 10 computers in each school. Genesis behind the project is to provide IT infrastructure at the remotest corner of the state schools to fulfill the dream of poor student to use modern age technology in learning curve. Government of Bihar is planning to implement menu base Operating System and Application Software to provide user friendly environment to students.

Objectives:

- To establish an enabling environment to promote the usage of ICT especially in rural areas. Critical factors of such an enabling environment include widespread availability of access devices, internet/Broadband connectivity and promotion of ICT literacy.
- To ensure the availability of quality content online and through access devices.
- Enrichment of existing curriculum and pedagogy by employing ICT tools for teaching and learning.
- To enable students to acquire skills needed for the digital world for higher studies and gainful employment.
- To provide an effective learning environment for children with special needs through ICT tools.
- Promote critical thinking and analytical skills by developing self-learning skills of the learner leading to student-centric learning.
- To promote the use of ICT tools in distance education, including the deployment of audiovisual medium etc.

3. Instructions to the Bidders

3.1. General:

- (a) While every effort has been made to provide comprehensive and accurate background information and requirements and specifications, Bidders must form their own conclusions about the support required. Bidders and recipients of this RFP may wish to consult their own legal advisers in relation to this RFP.
- (b) All information supplied by Bidders may be treated as contractually binding on the Bidders, on successful award of the assignment by the BSEIDC on the basis of this RFP.
- (c) No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of the BSEIDC. Any notification of preferred bidder status by the BSEIDC shall not give rise to any enforceable rights by the Bidder. The BSEIDC may cancel this public procurement at any time prior to a formal written contract being executed by or on behalf of the BSEIDC.
- (d) This RFP supersedes and replaces any previous public documentation & communications, and Bidders should place no reliance on such communications.

3.2. Compliant Tenders / Completeness of Response:

Bidder is expected to examine all instructions, forms, terms, and requirements in the bid document. Failure to furnish all information required by the bid document or submission of a Bid not substantially responsive to the RFP document in every respect may result in the rejection of the Bid.

3.3. Pre-bid Meeting & Clarifications:

- (a) BSEIDC shall hold a pre-bid meeting with the prospective bidders on date and time as mentioned in 'Key events and dates' table and will be held at :

**Bihar State Educational Infrastructure Development Corporation Ltd.
Shiksha Bhawan. Bihar Rastrabhasha Parishad Campus
Acharya Shiv Pujan Sahay Path, Patna, Pin Code-800004 (BIHAR)**

- (b) The Bidders will have to ensure that their queries on this RFP should reach to the Authorised Officer by post, facsimile or email on or before date and time mentioned in the 'Key events and dates' table. The contact details of the Authorised Officer are given below:

**The Managing Director
Bihar State Educational Infrastructure Development Corporation Ltd.
Shiksha Bhawan. Bihar Rastrabhasha Parishad Campus
Acharya Shiv Pujan Sahay Path,
Patna, Bihar –Pin Code-800004**

(c) The queries should necessarily be submitted in the following format:

S.No.	RFP Document Reference(s) (Section & Page Number(s))	Content of RFP requiring Clarification(s)	Points of Clarification
1.			
2.			
3.			
4.			

d) BSEIDC shall not be responsible for ensuring that the bidders' queries have been received by them. Any requests for clarifications/queries post the date and time mentioned in the 'Key events and dates' table will not be entertained by the BSEIDC.

3.4. Responses to Pre-Bid Queries & Issue of Corrigendum:

- (a) The Authorised Officer notified by the BSEIDC will endeavour to provide timely response to all queries. However BSEIDC makes no representation or warranty as to the completeness or accuracy of any response made in good faith.
- (b) At any time prior to the last date for receipt of bids, BSEIDC may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the RFP Document by a corrigendum.
- (c) The Corrigendum (if any) & clarifications to the queries from all bidders will be posted on the www.eproc.bihar.gov.in or www.bseidc.in
- (d) Any such corrigendum shall be deemed to be incorporated into this RFP.
- (e) In order to provide prospective Bidders reasonable time for taking the corrigendum into account, BSEIDC may, at its discretion, extend the last date for the receipt of Proposals.

3.5. Key Requirements of the Bid:

3.5.1. Right to Terminate the Process:

- (a) BSEIDC may terminate the RFP process/Tender at any time and without assigning any reason.

BSEIDC makes no commitments, express or implied, that this process will result in a business transaction with anyone.

- (b) This RFP does not constitute an offer by BSEIDC. The bidder's participation in this process may result BSEIDC selecting the bidder to engage towards execution of the contract.

3.5.2 RFP Document Fees:

- (a) RFP document can be downloaded at the website provided in the Fact sheet. A non-refundable bank demand draft of Rs. 20,000/- Per Zone (Per Bid) drawn in Favour of Bihar State Educational Infrastructure Development Corporation Ltd.', payable at Patna from any of the nationalized Banks should be submitted at corporation office before 22th September 2015 up to 3 PM.

3.5.3 Earnest Money Deposit (EMD)

- (a) Bidders shall submit, EMD of Rs. 50,00,000/- (Rupees Fifty Lakhs only), Per Zone Separately in the form of a Demand Draft issued by any nationalized bank in favour of 'Bihar State Educational Infrastructure Development Corporation Ltd. payable at Patna, and should be valid for 6 months from the due date of the tender / RFP.
- (b) EMD of all unsuccessful bidders would be refunded by BSEIDC within 1 month of the selection of successful bidder. The EMD, for the amount mentioned above, of successful bidder would be returned upon submission of Performance Bank Guarantee as per the format provided in Annexure I: Form 3
- (c) The EMD amount is interest free and will be refundable to the unsuccessful bidders without any accrued interest on it.
- (d) The Tender / proposal submitted without EMD, mentioned above, will be summarily rejected.
- (e) The EMD may be forfeited:
- i.) If a bidder withdraws its bid during the period of bid validity
 - ii.) In case of a successful bidder, if the bidder fails to sign the contract or provide performance bank guarantee in accordance with this RFP.

3.5.4 Submission of Responses

- (a) The tender should be submitted through e-Tendering / e-Procurement website www.eproc.bihar.gov.in only. No other form of tender submission will be valid for evaluation.
- (b) Request from the bidder in respect of additions, alterations, modification, corrections etc. of both terms and conditions or rates after opening of the tender will not be considered.
- (c) The bidder shall submit its bid/tender on e-Procurement platform at www.eproc.bihar.gov.in.
- (d) The bidder must have the Class II/III Digital Signature Certificate (DSC) and e-Tendering User-id of the e-Procurement website before participating in the e-tendering process. The bidder may use their DSC if they already have the DSC. They can also take DSC from any of the authorized agencies or they may contact on our e-Procurement help desk.
- (e) For User-id they have to get registered themselves on e-procurement website www.eproc.bihar.gov.in and submit their bids online on the same. Offline or in-person bids shall not be entertained by the Tender Inviting Authority for the tenders published in e-procurement platform.
- (f) The bidders shall submit their eligibility and qualification details, Technical bid, Financial bid etc., in the online standard formats given in e-Procurement web site at the respective stage only. The bidders shall upload the scanned copies of all the relevant certificates, documents etc., in support of their eligibility criteria / technical bids and other certificate /documents on the e-Procurement web site. The bidder shall sign on the supporting statements, documents, certificates, uploaded by him, owning responsibility for their Correctness / authenticity.
- (g) The tender opening and evaluation will be done online. Any corrigendum or addendum will be published on the e-Tendering/e-Procurement website only.
- (h) For support related to e-tendering process, bidders may contact at following address “eProcurement HELP DESK, First Floor, M/22, Bank Of India Building, Road No 25, Sri Krishna Nagar, Patna, Bihar, Pin-800001, Phone No: 0612-2523006, Mob- 7542028164” or may visit the link “Vendor Info” at www.eproc.bihar.gov.in.

3.5.5 Authentication of the Tenders

A Tender/Proposal should be accompanied by a power-of-attorney in the name of the signatory of the Tender/Proposal.

3.6. Preparation and Submission of Proposal

3.6.1 Proposal Preparation Costs

- (a) The bidder shall be responsible for all costs incurred in connection with participation in the RFP process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of proposal, in providing any additional information required by BSEIDC to facilitate the evaluation process, and in negotiating a definitive contract or all such activities related to the bid process.
- (b) BSEIDC will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

3.6.2 Language

- (a) The Proposal should be filled by the bidders in English language only. If any supporting documents submitted are in any language other than English, translation of the same in English language is to be duly attested by the Bidders. For purposes of interpretation of the documents, the English translation shall govern.

3.6.3 Venue & Deadline for Submission of proposals

- (a) Proposals, in its complete form in all respects as specified in the RFP, must be uploaded as per the date and time mentioned in the fact sheet (Section 1: Fact Sheet)

3.6.4 Late Bids

- (a) The bids submitted by telex/telegram/ fax/e-mail etc. shall not be considered. No correspondence will be entertained on this matter.
- (b) BSEIDC shall not be responsible for any delay or non-receipt/ non-delivery of the documents. No further correspondence on the subject will be entertained.

3.6.5 Evaluation process

An evaluation committee constituted by BSEIDC will evaluate the Technical and Price bids as per the following pattern.

- a) Conditional bids shall be summarily rejected.

- b) Evaluation committee will examine the bids to determine whether they are complete, whether any computational errors have been made, and whether the bids are generally in order.
- c) Arithmetical errors will be rectified on the following basis: If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If the Bidder does not accept the correction of the errors, his bid will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.
- d) The BSEIDC may conduct clarification meetings with each or any bidder to discuss any matters, technical or otherwise as mentioned in their Technical bid.
- e) Further, the scope of the evaluation committee also covers taking of any decision with regard to the RFP, execution/ implementation of the project including project period.
- f) Price (Commercial) bids of only those bidders who qualify the technical evaluation will be opened.
- g) All other Commercial bids will be returned un-opened. The place, date and time for the opening of the commercial bids shall be announced separately to only technically qualified bidders.
- h) The bid with the lowest Price (Commercials), (L1) will be considered as the successful bid
- i) The BSEIDC reserves the right to ask for a technical elaboration/ clarification in the form of a technical presentation from the Bidder on the already submitted Technical Proposal at any point of time before opening of the Price Bid. If required bidders may give a presentation based on similar projects done in other states, expertise, capabilities and how they are going to execute the project in Bihar. The Bidder shall furnish the required information to BSEIDC and its appointed representative on the date asked for, at no cost to the BSEIDC. The BSEIDC may at its discretion, visit the office / Network Operation Center (NOC) of the Bidder, any time before the issue of Letter of Award

3.6.6 Tender Opening

- (a) The Proposals submitted up to time and date mentioned in 'Key events and dates' table will be opened online on 'Key events and dates' table or as per corrigendum.

3.6.7 Tender Validity

- (a) The offer submitted by the Bidders should be valid for minimum period of 180 days from the date of submission of Tender.

3.6.8 Tender Evaluation

- (a) Initial Bid scrutiny will be held and incomplete details as given below will be treated as non-responsive. If Tenders/ Proposals;
- i.) Are not submitted in as specified in the RFP document
 - ii.) Received without the Letter of Authorization (Power of Attorney)
 - iii.) Are found with suppression of details
 - iv.) With incomplete information, subjective, conditional offers and partial offers submitted
 - v.) Submitted without the documents requested in the checklist
 - vi.) Have non-compliance of any of the clauses stipulated in the RFP
 - vii.) With lesser validity period.
- (b) All responsive Bids will be considered for further processing as below.
- i.) BSEIDC will prepare a list of responsive bidders, who comply with all the Terms and Conditions of the Tender. All eligible bids will be considered for further evaluation by a Committee according to the Evaluation process define in this RFP document. The decision of the Committee will be final in this regard.

3.7. Criteria for Evaluation

3.7.1 Eligibility / Technical Criteria

S. No.	Basic Requirement	Specific Requirement	Document Required
1	Eligibility	The bidder can be a firm/ organization/ institute/ company/ corporation/ registered society incorporated in India. Consortium in any form is not allowed	A Self Certified letter by an authorized signatory
2	Sales Turnover in Hardware Sales &	The bidder should have a minimum total turnover during the last three financial years as specified below related to Computer Hardware, information technology products, computer based Education/Computer	The copies of the audited annual Accounts for the last three years shall be

	Maintenance services	<p>aided learning and training business in India.</p> <p>Rs. 30 Crores total turnover during the last three financial years i.e (2012-13, 2013-14, 2014-15)</p>	<p>attached along with the bid.</p> <p>A certificate from a CA stating the turnover from above mentioned income sources should also be enclosed.</p>
3	Letter of authorization from OEMs	The bidder should have direct authorization from the Original Equipment Manufacturer (OEM) for selling and supporting the components/products offered in the format given in section 3.12	<p>Letter of authorization;</p> <p>as per template provided</p>
4	Technical Capability	<p>a) The bidder should have required experience in implementation of similar projects as on 31/03/2015 on BOOT/BOOM/BOT/turnkey basis in India for any Government/ Public Sector organization/ Institution involving supply, installation & maintenance of computer hardware and related accessories for 250 schools.</p> <p>b) The bidder should have well established and proven methodology of conducting computer training to teachers/trainers/users and should have imparted computer training</p>	<p>In respect of the term a) and b) of the Technical Capability criteria, references (contact details, customer completion certificate, customer satisfaction</p>

		to at least 1000 teachers/trainers/users as on 31.03.2015. c) Bidders JV companies or bidder group of companies shall not be considered for participation in the Bid	certificate, installation certificate etc) for quoted projects shall be provided
5	Local Service Centres	The bidder should have office in Bihar. In case bidder has no presence in Bihar, bidder shall furnish an undertaking that an office shall be opened in Bihar, with sufficient personnel and inventory of spares within a month of selection as Successful Bidder	A Self Certified letter by an authorized signatory
6	Blacklisting	The bidder should not have been blacklisted with any of the Central Government Department and any State Department / PSU on account of corrupt or fraudulent practices.	A Self Certified letter by an authorized signatory
7	Certificate of Company Registration Certificate, Registration under Sale Tax , Valid Service Tax Registration Certificate & Valid PAN No etc.	a) Relevant Certificate of Company Registration , Registration under sales tax & valid service tax Registration certification b) The successful bidder will have to comply with the relevant tax laws of the state.	Certificates from the authorized authorities
8	OEM Criteria	1. Desktop PCs a. The turnover of the manufacturer (OEM) of desktop PCs should be minimum average of rupees 100	

		<p>crores per annum during the last three financial years i.e. 2012-13, 2013-14, 2014-15.</p> <p>b. Experience of more than 10 years in the manufacturing of Desktop PCs.</p> <p>2. Printers</p> <p>a. The turnover of the manufacturer (OEM) of printers should be minimum average of rupees 100 crores per annum during the last three financial years i.e. 2012-13, 2013-14, 2014-15.</p> <p>b. Experience of more than 5 years in the manufacturing of printers.</p> <p>3. Generator Set</p> <p>a. The turnover of the manufacturer (OEM) of Generator Set engine to be offered should be minimum average of rupees 100 crores per annum during the last three financial years i.e. 2012-13, 2013-14, 2014-15.</p> <p>b. Experience of more than 5 years in the manufacturing of Generators.</p> <p>4. Networking</p> <p>a. In case of networking equipments, the turnover of</p>	<p>Extracts from The audited Balance sheet and Profit & Loss; OR Certificate from the statutory auditor</p>
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		<p>OEM to be offered should not be less than Rs. 25 crores per annum on average basis during last three financial years i.e. 2012-13, 2013-14, 2014-15.</p> <p>b. Experience of more than 3 years in the manufacturing of networking equipments.</p> <p>5. Integrated Group Learning Device</p> <p>a. The turnover of the manufacturer (OEM)/supplier of IGL Device to be offered should be minimum average of rupees 100 crores per annum during the last three preceding financial years i.e. 2012-13, 2013-14, 2014-15</p> <p>b. Experience of more than 5 Years in manufacturing of IGL Device.</p> <p>6. TFT Monitors, Keyboard & Mouse</p> <p>a. The turnover of the manufacturer (OEM)/supplier of TFT Monitors, Keyboards & Mouse to be offered should be minimum average of rupees 70 crores per annum during the last three preceding financial years i.e 2012-13, 2013-14, 2014-15.</p> <p>b. Experience of at least Two year in manufacturing of TFT Monitors, Keyboards & Mouse.</p> <p>7. LCD TV</p> <p>a. The turnover of the manufacturer</p>	
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		<p>(OEM)/supplier of LCD TV to be offered should be minimum average of rupees 70 crores per annum during the last three preceding financial years i.e 2012-13, 2013-14, 2014-15.</p> <p>b. Experience of at least Two year in the manufacturing of LCD TV.</p>	
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3.7.3 Commercial Bid Evaluation

- (a) The Financial Bids of technically qualified bidders will be opened online or through corrigendum.
- (b) The Bidder, who has submitted the lowest Commercial bid, shall be selected as the L1 and shall be called for further process leading to the award of the assignment
- (c) Only fixed price financial bids indicating total price for all the deliverables and service specified in this bid document will be considered.
- (d) The bid price will include all taxes and levies and shall be in Indian Rupees.
- (e) Any conditional bid would be rejected.

3.8. Appointment of Hardware Supplier

3.8.1 Award Criteria

- (a) BSEIDC will award the Contract to the successful bidder whose proposal has been determined to be responsive and has been determined as the Least Cost bids as per the process outlined above.

3.8.2 Right to Accept Any Proposal and To Reject Any or All Proposal(s)

- (a) BSEIDC reserves the right to accept or reject any proposal, and to annul the tendering process / Public procurement process and reject all proposals at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for BSEIDC action.

3.8.3 Notification of Award

- (a) Prior to the expiration of the validity period, BSEIDC will notify the successful bidder in writing or by fax or email, that its proposal has been accepted. In case the tendering process / public procurement process has not been completed within the stipulated period, BSEIDC may like to request the bidders to extend the validity period of the bid.
- (b) The notification of award will constitute the formation of the contract. Upon the successful bidder's furnishing of Performance Bank Guarantee, BSEIDC will notify each unsuccessful bidder and return their EMD.

3.8.4 Performance Bank Guarantee

- (a) The BSEIDC will require the selected bidder to provide a Performance Bank Guarantee, within 15 days from the Notification of award, for a value equivalent to 10% of the total cost of mentioned in its Tender/ proposal. The Performance Bank Guarantee shall be kept valid for a period of 5 (five) years. The Performance Bank Guarantee shall be kept valid till expiration of the contract. The selected bidder shall be responsible for extending the validity date of the Performance Bank Guarantee as and whenever it is due till the expiration of the contract. In case the selected bidder fails to submit Performance Bank Guarantee within the time stipulated, the BSEIDC at its discretion may cancel the order placed on the selected bidder by giving a written notice.
- (b) BSEIDC shall invoke the Performance Bank Guarantee in case the selected bidder fails to discharge their contractual obligations during the period or BSEIDC incurs any loss due to bidder's negligence in carrying out the work as per the agreed terms & conditions laid out in this RFP.

3.8.5 Signing of Contract

- (a) Post submission of Performance Guarantee by the successful bidder, BSEIDC shall enter into a contract, incorporating all clauses, pre-bid clarifications and the proposal of the bidder between BSEIDC and the successful bidder.
- (b) The contract agreement refers to all the terms and conditions of this RFP and corrigendum.

3.9. Fraud and Corrupt Practices

- (a) The Bidders and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Selection Process. Notwithstanding anything to the contrary contained in this RFP, the BSEIDC shall reject a Proposal without being liable

in any manner whatsoever to the Bidder, if it determines that the Bidder has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice (collectively the 'Prohibited Services ') in the Selection Process. In such an event, the BSEIDC shall, without prejudice to its any other rights or remedies, forfeit and appropriate the Bid Security or Performance Security, as the case may be, as mutually agreed genuine pre-estimated compensation and damages payable to the Authority for, inter alia, time, cost and effort of the Authority, in regard to the RFP, including consideration and evaluation of such Bidder's proposal.

- (b) Without prejudice to the rights of the BSEIDC under Clause above and the rights and remedies which the BSEIDC may have under the LOI or the Agreement, if an Bidder, is found by the Authority to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Selection Process, or after the issue of the LOI or the execution of the Agreement, such Bidder shall not be eligible to participate in any tender or RFP issued by the BSEIDC during a period of 2 (two) years from the date such Bidder, is found by the BSEIDC to have directly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as the case may be.
- (c) For the purposes of this Section, the following terms shall have the meaning hereinafter respectively assigned to them:
- a) "Corrupt Practice" means (i) the offering, giving, receiving, or soliciting directly or indirectly of anything of value to influence the action of any person connected with the Selection Process (for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or indirectly, any official of the BSEIDC who is or has been associated in any manner, directly or indirectly with the selection Process or the LOI or has dealt with matters concerning the Agreement or arising there from, before or after the execution thereof, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of the BSEIDC, shall be deemed to constitute influencing the actions of a person connected with the Selection Process); or (ii) save as provided herein, engaging in any manner whatsoever, whether during the Selection Process or after the issue of the LOA or after the execution of the Agreement, as the case may be, any person in respect of any matter relating to the Project or the LOA or the Agreement, who at any time has been or is a legal, financial or technical consultant/adviser of the BSEIDC in relation to any matter concerning the Project;
- b) "Fraudulent Practice" means a misrepresentation or omission of facts or disclosure of

- incomplete facts, in order to influence the Selection Process;
- c) “Coercive Practice” ” means impairing or harming or threaten to impair or harm directly or indirectly, any persons or property to influence any person’s participation or action in the Selection Process;
 - d) “Undesirable Practice” means (i) establishing contact with any person connected with or employed or engaged by BSEIDC with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Selection Process; or (ii) having a Conflict of Interest; and
 - e) “Restrictive Practice” means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating a full and fair competition in the Selection Process.

3.10. Conflict of Interest

- (a) The Vendor shall disclose to BSEIDC in writing, all actual and potential conflicts of interest that exist, arise) or may arise (either for the Vendor/OEM/Bidder’s team) in the course of performing the Service(s) as soon as practical after it becomes aware of that conflict.

3.11. Liquidated Damage/Penalties

3.11.1 Availability of the infrastructure & Penalty for Non Performance

1. Computer hardware and other peripherals

- i. Onsite maintenance of Equipments
- ii. H/W & S/W trouble shooting training for teachers/faculty members
- iii. Help desk services for Hardware, Software related problems
- iv. Installation of application software & all Educational software

Responsibilities

- a) The bidder shall ensure repairing / replacement of all faulty material within the shortest possible time thus ensuring minimum downtime, failing which applicable penalty will be imposed.
- b) The bidder shall be responsible for maintaining the desired performance and availability of the system/services.

- c) If any equipment gives continuous trouble, say six times in one month during the contract period, the bidder shall replace the computer hardware with new one without any additional cost to the purchaser.
- d) **Maintenance service** Free maintenance services shall be provided by the Bidder during the period of contract. The maximum response time for maintenance complaint from any of the destinations (i.e. time required for the maintenance engineer to report at the site after the problem brought to the notice) shall not exceed 4 working days (School working days).

During contract period, if the complaint is not attended and resolved within 4 working days(School working days), after lodging complaint for each delayed days following penalty will be deducted

- a) For Computer, PCI card, Access device, Cables, LCD monitors, keyboard, mouse, LCD TV, etc the penalty of Rs. **200.00** per delayed day
- b) For Peripherals (Printer/UPS/Voltage Stabilizer) or networking components the penalty of Rs. **100.00** per delayed day If the bidder fails to keep the equipments in the working conditions the penalty will be recovered against / from performance bank Guarantee submitted by the bidders/ Quarterly Payment.

Guideline for complaint redressal:

- a) Bidder/contractor has to set up & ensure complaint redressal mechanism so that within 4 working days (School working days).from the date of complaint, the user's complaint get resolved. The school will lodge the complaints to school co-ordinator & update in the complaint register maintained at the school. The format of lodging the complaint need to be devised in consultation with school/BSEIDC in local language.

3.11.2 Force Majeure

- (a) Force Majeure is herein defined as any cause, which is beyond the control of the selected bidder or BSEIDC as the case may be which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as:
 - i.) Natural phenomenon, including but not limited to floods, droughts, earthquakes and epidemics

- ii.) Acts of any government, including but not limited to war, declared or undeclared priorities, quarantines and embargos
- iii.) Terrorist attack, public unrest in work area provided either party shall within 10 days from occurrence of such a cause, notifies the other in writing of such causes. The bidder or BSEIDC shall not be liable for delay in performing his/her obligations resulting from any force majeure cause as referred to and/or defined above. Any delay beyond 60 days shall lead to termination of contract by parties and all obligations expressed quantitatively shall be calculated as on date of termination. Notwithstanding this, provisions relating to indemnity, confidentiality survive termination of the contract.

3.12 Details on Scope of Work

3.12.1 Scope of Work

- (a) While BSEIDC recognizes that utilization of proprietary methods or protocols sometimes provides competitive advantage, BSEIDC will give preference to those vendors whose products support recognized industry standard methods and protocols. Equipment bid shall be new, current models manufactured with 100% new OEM parts. All products should be offered in current production as of the date of the award. For purpose of this contract “current production” shall mean that the equipment model is being manufactured as new equipment for the Indian market. Refurbished equipment is not acceptable. All equipment ordered as stated in the RFP must be installed fully configured with the required memory, components, and selected or specified operating system.
- (b) Product cannot change or be upgraded during the entire lifecycle period for any reason other than end-of-life issues (e.g., swapping of processor, motherboard, etc. is prohibited). If a product will be discontinued within the given refresh period, BSEIDC must be notified in writing, before the refresh period begins, with an explanation of when and why the change will be necessary. An exception process is available for circumstances that affect all manufacturers (e.g., natural disaster affecting production or shipping).

3.12.2 Specification

The Bidder is required: To supply, install & maintain computer hardware, software and connected accessories (with comprehensive warranty for 5 years) in 445 Schools across Bihar.

- i.) Supply of Computer Hardware, Software and connected accessories (must be brand new)

and provide maintenance in the specified Teacher Education Institutes as prescribed in the tender document for a contract period of five years.

ii.) Each Schools equips with the following minimum equipment as per the specifications prescribed in this tender document.

1. Equipment to be supplied at each of the locations:

The following technologies are required by the Government of Bihar, to be distributed to Schools Across Bihar (Zone Wise):

Technical Details of Hardwares for each Schools (Zone Wise): Device requirements are set out below:

SI No	Items	Description	Total Units (nos)
1	Desktop Computer (Windows based)	X86 architecture, 3.2GHz or higher with 4 dedicated Cores, Minimum 4MB L3 cache, Compatible chipset with HD graphics, 4GB DDR3 RAM expandable to 16 GB. Ports: 1 parallel , 1 serial , 2 PS/2, 4 USB , 1 SVGA jacks, 2 Free Full Height PCI Slots, 2 SATA controllers 320 GB SATA HDD or higher DVD combo Drive, 18.5”TFT LCD Monitor, 107 keys keyboard (PS/2) optical scroll mouse with Pad(PS/2)onboard. 10/100/1000 Mbps Ethernet , HD Graphics on Chipset, 300 watt or above speaker set, web camera, dust cover ISO 9001: 2000 Certification	2
2	Access Device	<ul style="list-style-type: none"> Multibox device which allows 6 users to share a single host PC through a share computing PC-Sharing kit (which includes one full height PCI Card, Virtualisation software, access devices with speaker output, PS/2 Mouse and PS/2 Keyboard output. SVGA Monitor output and RJ45 Connection Port. 	9

		<ul style="list-style-type: none"> • Each access device should be standalone equipment and not integrated with any peripheral like keyboard, mouse, monitor etc. • Each user should have 18.5" wide TFT (TCO '05/FCC-B/CE/EPA/RoHS certified or equivalent), PS/2 Keyboard and PS/2 Mouse. • The access device should be integrated with Host PC via CAT 6 cable with support up to 10mtr/32ft. • Each user should have independent desktop environment. User experience on shared terminal should be substantially the same as on the host PC (Boot time, Login Experience, Responsiveness (Mouse, Keyboard, application start-up and execution), Graphics/Multimedia, Logout. Power consumption of each access device should not exceed more than 1-2watts. • ISO 9001: 2000 Certification 	
3	LCD TV 40" or higher	40" or higher LCD TV with Composite AV Port (1 Video & 2 Audio), Brightness: Min. 450 cd/sq. mtrs, Dynamic contrast ratio 30000:1, Full HD 1080P, Resolution: 1920 x 1080, Inbuilt speakers of min. 10 + 10 watts or more, stereo sound, PC input, HDMI Interface, USB/DVI port as a feature to directly run JPG, MP3 & Video files from USB device, SVGA port. 178 degree viewing angle. This TV should be capable to be directly connected to a Computer for Audio-video use in school. This TV needs to be supplied with floor stand/ wall mount with VESA mount capable of horizontal & vertical mount of TV. 5star and above energy star (MS/SS structure), In case of floor stand should be at least 5 ft. from ground	1
4	Antivirus Valid for whole period of year	Preloaded Norton/McAfee/kaspersky/Trend Micro /Quick Heal/Bitdefender/Avast/AVG Licensed Version or Equipment	2
5	Laser printer, Scanner & Copier	Multi Functional Laser Printer with facility of print, scan, copy speed 16 PPM or higher, 1200 DPI, 64 MB RAM, ISO 9001: 2000 Certification	1

6	Internet Services for Schools	Internet dongle with speed of 512 Kbps Up to 2 Mbps Telecom Services Provider : BSNL / Other Indian Telecom Service Provide (easy to Deploy with installed OS)	1
7	Networking Components	Non – manageable Switch, Number of port in switch -8 Data switching speed of switch-100Mbps Cat-6 UTP cable(factory crimped)- as per requirements of the site, RJ45 connectors, information Outlets with surface mounting Box – As per requirements of the site. Laying of cable with conduit pipe- as per actual, ISO 9001: 2000 Certification	1
8	Wall Clock	ISI mark (branded)	1
9	Genset	5kVA single phase Silent Generator set having: <ol style="list-style-type: none"> 1. Type of Engine : Air Cooled (Direct Injection) 2. 2. Gross BHP : 11.5 @ 1500 RPM 3. Type & Class of Governing : Mechanical, A1 4. Aspiration: Naturally Aspirated 5. Alternator Type : Brushless, Insulation Class H 6. ISO -9001: 2000 & ISO 14001 Certification 7. B.I.S. Certification mandatory 8. Confirming to CPCB- II Norms 9. Fuel to be used for DG Set must be HSD (High Speed Diesel) 10. Minimum output rating of 5kVA operations on single phase with automatic starting with in one minute of power failure and a changeover switch. It is the responsibility of the bidder to ensure that the generator supplied to school enables continuous running of all computers and equipment including printer, fans, lights etc inside the 	1

		<p>computer room during the four hours of computer teaching.</p> <p>11. The output voltage of DG Set should vary with in the specified limits of plus or minus 10%</p> <p>12. The maximum permissible sound level shall be 75 dBA at 1 meter from the enclosure/canopy surface</p> <p>13. Protection for Frequency/ Speed Overload, Low Lube Oil Pressure, High Cylinder Temperature, Low Fuel Level, Exhaust Fan Failure, Charging Alternator/V-Belt Failure etc</p>	
10	Furniture (ISO Certified)	<p>Details about each School :</p> <p>Computer Table:13 units (ISO Certified), 600mm x 450mm x 725mm or better with sunmica top having facility for keeping CPU, Monitor, Keyboard and Mouse (pull out tray). Monitor should be fixed with tabletop to avoid damage.</p> <p>Chairs: 30 PVC/ Moulded Chair without arm (ISO Certified)</p>	43
11	Site Preparation (approx 500 sq feet)	<p>Electrical Wiring, earthing, Room lighting (including minimum 3Fans) of Havells/Crompton/Anchor make. Dust Free room With floor preparation using Vinyl flooring and painting, Mild Steel grills for door & windows.</p>	1

12	Integrated Group Learning Device	<p>Projection System: Brightness: 2500 - ANSI Lumens (SVGA) Short Throw; Contrast Ratio: 2500:1; Lamp Life: 4000 Hrs (Economy Mode);</p> <p>Computing System: CPU: Dual Core, clock speed:1.40GHz and above, Cache: 3MB Memory: RAM:4GB;HDD:500 GB; Graphics: Integrated Graphics ; Optical Drive; DVD RW; Audio: 30 Watts audio output; Ports: 4; LAN: 1x Gbps, Windows 8</p>	1
13	UPS for Desktop PCs & access devices with Integrated Group Learning Device, TV and printer with Required battery backup for 5 years.	<p>1KVA, battery12V/7Ah x 2, Line Interactive UPS for single phase AC 145-280VAC input. ISO 9001:2000certified.</p> <p>Separate cabling (with capping casing) to be done for each Desktop/Access Device/IGLD for the 2 UPS and one for LCD TV</p> <p>Bidder to ensure all IT equipment in lab is running on UPS in case of power failure.</p>	3
14	Voltage Stabilizer	3.0 KVA Stabilizer. Input Range (110V-280V) single phase.	1
15	Software (OS)	Microsoft Windows Multipoint Server 2012 (National Academic) including CAL (4+5)	2 CAL (4+5)
16	Software (Office Suite)	MS Office 2013 (National Academy)/(Under PIL)	11
17	E-Content	E-Content in Maths, Science ,Social Science,	1

		English & Hindi	
18	Teachers Training	Ten (10) Teachers per school	No. of schools in the zone
19	Manpower	One School Coordinator per school (For 60 months)	No. of schools in the zone
		One District Coordinator per District (For 60 months)	No. of Districts in the zone
		One Project manager per Zone (For 60 months)	1 Per Zone
20	Computer education consumable	2000 sheets of A4 size paper (Min 70 GSM) Per Year Per School	No. of schools in the zone
		1 new cartridge and 2 refills per year per Lab per school for multifunctional printer	No. of schools in the zone
		50 Blank CDs(Rewritable) per year Per school	No. of schools in the zone
21	Genset consumable	For running of the Genset for four Hours per working day per school (For 60 months)	No. of schools in the zone

2. Services to be provided at each Schools:

- One School Coordinator per School One District Coordinator per district One Project Manager per zone
- (Detailed required qualifications given below)
- Teacher Training
- Lab should run minimum 4 hours per day for 5 years and computer consumables to be taken care of by the bidder.

Note: The Bidder may also need to install MIS software/application to be provided by BSEIDC on all the systems to be supplied for the facility management, Infrastructure and asset management, monitoring of the IT education delivery etc. Bidder would also be required to send various reports using this application. Some of the MIS software/applications will be required to be pre-loaded in the equipments.

3. Manpower

(a) To provide the following personnel to manage the project on a full time basis:

- i.) The bidder has to appoint one Project Manager (PM) Per Zone at the Centre level from the starting of the project, for co-ordination and implementation of the project and to provide periodic feedback and reporting to the Government authorities.

Detailed roles & responsibilities are as below:

Education qualifications:

- Graduate in any discipline (MBA preferred)
- Minimum 10 years project management experience (5 years in handling such large school implementation projects)

Roles and responsibilities:

- In charge of the complete project management from the bidder
- To ensure smooth implementation of the project
- Monitoring of the performance of school Instructors, District coordinators (DC)
- Infrastructure maintenance.
- Conduct Monthly Review meets with the District Coordinators
- Vendor Management to ensure the Machines are have high uptime
- To visit Schools on regular basis to check the execution
- To get the desired data, reports on time always **and to send monthly report to the education department**
- To close all RED alerts within 7 days by co-coordinating with DCs and Vendor
- To schedule Faculty Induction and Technical Trainings
- Send Monthly reports to Head office and participate in the monthly review

Principal interface from the vendor with the Govt. throughout the project period

- To ensure the contractual obligations are met as per agreement
- MIS requirements from the Govt are met
- Liaison with the government for submission of monthly reports, bill and timely collection of payment.

- Interaction with the Govt. on a regular basis to update the progress of the Project
Attend all Quarterly Review meetings

ii.) One **District Co-coordinator (DC)** for each district, (Per Zone) for monitoring and managing the schools at the district level. The District Co-coordinator will be responsible for providing a help desk and maintaining sufficient stock of spares and consumables.

Detailed roles & responsibilities are as below:

Educational Qualifications:

- Graduate in any discipline
- 1 year Diploma in Computers or any other equivalent qualification in Computer Science/Computer from a recognized institute.
- Diploma in Hardware engineering preferred
- Minimum 4 years experience (Teaching experience / H/W engineering / customer support preferred)

Roles & Responsibilities:

- To review SCs on their performance
- To provide technical support to SC
- To verify maintenance of registers
- To verify equipment uptime
- To collect and verify all reports
- To coordinate maintenance work by vendors
- To send periodic reports to regional office
- To collect sign-off from SCs for the District
- To review school performance in consultation with Head Master (HM)
- To participate in discussions with HM about education delivery
- To conduct education delivery reviews:
- To find a replacement SC within 7 days of a SC's resignation
- To recruit SC by conducting tech/non-tech tests and interviews
- To conduct Induction or any other training program for SC
- Other district level Project Management

iii.) Bidder shall provide one full time **School Co-coordinator (SC)** in each school (Per Zone) for 60 months (5 years) from the time installing & commissioning hardware.

The School Co-ordinator will be responsible for computer education of students, maintain the hardware, software and accessories at the schools as well as provide assistance to the teachers in the use of the IT infrastructure.

Education Qualification

- Graduate in any discipline
- 1 year Diploma in Computers or any other equivalent qualification in Computer Science/Computer from a recognized institute.
- B.Ed from a reputed Institute will be preferred
- Minimum 1 years experience (hardware repairing experience preferred)
- Well versed in basic computer operations

Prime Roles & Responsibilities

- Training students and if required teachers on IT skills as per the school syllabus and time table.
- To keep all the hardware and software in operational condition, on the spot training and hand holding of the teachers to enable the teachers to use the computers for computer teaching & also using educational e-content for Computer Aided Learning.
- To arrange the fuel for the Genset in case of electricity failure.

Important Note:

- I. All the School coordinators to be appointed by the bidder may to be certified by BSEIDC/BMSP. The mode of certification process would be communicated to the bidder at the time of signing of the contract.
- II. All school coordinators will be required to be paid at least a salary of total Rs. 8,000/- (Eight Thousand) per month by the Bidder.
- III. Payment details, EPF and other statutory requirements should be fulfilled by the Bidder. Bank statement of the school coordinator and other statutory returns for them should be furnished by the bidder.

Penalties

- For each district, one District Coordinator needs to be appointed. Each District Coordinator is expected to visit each school at least once in 3 months. If any school is not visited by the district Coordinator during the relevant quarter of the school, then a penalty of '500 per school for each of the Schools not visited will be levied on the service provider.

- School coordinator is allowed to take 2 leaves per month. In case of a school coordinator is absent from the school for more than 2 days in any month without the permission of HM, the bidder needs to arrange alternative school coordinator failing which a penalty of '200 per day would be levied on bidder for each day exceeding 2 days the SC is absent.

4. Providing Training to Subject Teachers:

Objectives of Training

The trainee becomes capable of using computer for normal operation & installing, operating & using the software.

- i. The trainee understands the manner in which the topic is dealt with the answer questions/queries from students on the topics.
- ii. The trainee should be able to make his/her own lesson plans using the MIS software developed by the Bidder and using the Internet facility available in the school.
- iii. The training should be hands-on—with the help of computers and software (educational) developed.
- iv. The Training should include presentation/discussion on the topics by subject experts also.
- v. A teachers' manual should be made available to all the trainees.
- vi. Expected set of questions/answers should be provided at the end of the training.

Training Delivery

The training shall be conducted at the district head quarters/ DIETS/School and duration of training is as follows:

- i. Total number of training days- 10 @ Minimum of 4 hours training per day.
- ii. Familiarization with equipments and software including Operating Systems etc.; basics of Computer Operation
- iii. Usage of common software application – word processor, presentation software, spreadsheet, internet, emailing, surfing and browsing etc.
- iv. 1:2 computer training ratio should be mentioned for every training program
- v. Refresher training program of 1 day should be undertaken every three month at respective School.

The agency will have to get their training module ratified by the Technical Advisory Panel of

the BMSP.

- i. At least 10 teachers from each school needs to be trained.
- ii. Each training program will have maximum 30 persons.
- iii. BSEIDC will provide training space for the training of teachers. Other necessary infrastructure such as computing equipments and other arrangements would be provided by the bidder. The bidder will have to also provide the requisite faculty and other learning resources required for the effective conduct of the training.

5. E-Content for Schools

- i. The contractor shall supply, install and maintain E-Content for Computer learning based on school syllabus.
- ii. Provide Training on usage of supplied e-Content to the subject teachers in the designated training centers provided by the department.
- III. E content should be in web and video format
- IV. E content should cover the entire syllabus of class 9th & 10th Std. of BSEB
- V. E content should be easily accessible to learners
- VI. Language of e content should be in Hindi except English subject
- VII. The syllabus must be approved by SCERT
- VIII. E content should be in PDF/E books/illustrating video demonstration/ documents & interactive simulation where required
- IX. E content should be developed including MCQ, Problems , Quizzes , Assignments & Solution
- x. The e-content shall be checked and verified at SCERT before actual delivery and installation at each school.
- xi. E- content Development process will be done under the Guideline of BMSP
- xii. The intellectual property Rights(IPR) of the e content shall rest with Government of Bihar , however the agency delivering the e content including lecture(s) , text , diagrams , charts, images etc shall submit an undertaking in writing to BMSP/BSEIDC that he/ she has not violate The copyright issues on this.

6. Duration of the Contract

The duration of the Contract period for this programme will be 5 years. The duration spent for installation of Hardware and Software (Multimedia based content) will not be a part of contract

period. Hence the actual contract period starts after the successful installation of hardware and software & completion of deployment of all manpower required.

Other conditions

- i. The Contractor shall only use licensed versions of the software and shall be held liable for any consequent action arising out of patent/intellectual property right violations and the BSEIDC shall not be liable for any liabilities or damages arising thereof.
- ii. The bidder will report to BSEIDC/ BMSP on day to day basis for the progress/implementation of the project & inform the progress of the implementation schedules & milestones achieved.
- iii. The Bidder will be required to establish their Project Coordination Unit in the State, with adequate decision-making authority, for day-to-day coordination with the BSEIDC/ BMSP. Any advice of the BSEIDC/ BMSP will have to be responded within a period of 3 (three) working days.

Related Information

- i. Separate room for Computer lab required to install all computer systems will be provided by the Government / School free of cost.
- ii. School will provide single phase power connection. However, the internal electrifications with proper earth link and LAN cabling within the computer lab will be responsibility of the bidder. The bidder must ensure necessary safety provisions being taken while carrying out electrification within the lab to avoid any unforeseen event.
- iii. School will pay for the electricity consumption made by the computers and accessories used in each school under this contract. However the cost of fuel for the generator set will be borne by the bidder. When electricity is not available the bidder will ensure minimum four (4) hours of generator support per working day.
- iv. All the computer systems, software and other equipment, fittings, furniture & fixtures supplied to the school for setting up and conducting training classes shall become the property of Government of Bihar after the end of the contract period.
- v. The successful bidder/contractor shall give on-site warranty for Computer Hardware, Software and connected accessories covering the contract period of 5 years.
- vi. The removal of Virus/ Malware/ Trojan/ Worm from the supplied desktops would be the responsibility of the successful Bidder/Contractor.
- vii. The bidder has to monitor the implementation of the scheme at the school level, install MIS software provided by BSEIDC and submit periodical reports and also submit Quarterly Performance reports to the department.
- viii. The bidder has to establish Help Desk facility for the redressal of operational difficulties

BSEIDC may appoint third party agency for inspection and audit to measure the success of the project during the tenure of the project and successful bidder need to share all the information and co-operate with BSEIDC / 3rd Party during the period of contract.

3.12.3 Deliverables & Timelines

Installation, testing and commissioning of Computer Systems and accessories shall be completed as per the following schedule:

a)	Signing of Contract	Day 01
b)	Commissioning of the Systems	90 days from the date of site readiness of the school
c)	Deputing manpower as asked	Within 105 days from the signing of Contract
d)	Teacher Training	To be started after the installation of the hardware & content in the schools have been completed

3.12.4 Indemnity on infringement of third party Intellectual Property Rights

- (a) The bidder shall hereby confirm that none of the items, being provided by them is infringing on any foreign/ domestic patent or intellectual and industrial property rights as per the applicable laws of relevant jurisdictions having requisite competence.
- b) The bidder shall indemnify Authority against all losses, cost/claims/legal claims/liabilities, suits or proceedings, arising from third party claim in this regard at any time on account of the infringement or unauthorized use of any domestic or foreign patent rights, copyrights or intellectual and industrial property rights of any such parties or other intellectual property, proprietary or confidentiality rights with respect to, whether such claims arise in respect of manufacture or use. If, in any such suit claim or proceedings, or any part, thereof or comprised therein is held to constitute an infringement and its use is permanently enjoined, the bidder shall promptly make every reasonable effort to secure for the Authority, an authorization/ license, at no cost to the Authority, authorizing continued use of the infringing work. If the bidder is unable to secure such authorization/ license within a reasonable time, the bidder shall, at its own expense and without impairing the performance standards either replace the affected content, or part, or process thereof with non-infringing work or parts or process, or modify the same so that it becomes non-infringing.
- (c) Without prejudice to the aforesaid indemnity, the bidder shall be responsible for the completion of the supplies including uninterrupted use of the items/product or any part thereof to Authority and persons authorized by Authority, irrespective of the fact of claims of infringement of any or all the rights mentioned above.

- (d) If it is found that it does infringe on patent rights, the Service Provider shall absolve Authority of any legal action.

3.13 SPECIAL CONDITIONS OF THE CONTRACT

The following clauses shall supplement the Instructions to Bidders.

3.13.1 Site Preparation and Site Survey

As per implementation plan, BSEIDC in consultation with BMSP shall arrange the necessary minimum constructed rooms/ space for setting-up Computer Lab for the operation of the ICT@SCHOOL Project. The space provided cannot be used for any purpose other than for delivering the services as mentioned in Section 3.12.2 as contracted under the Agreement. BMSP shall arrange for necessary clearances, which shall enable the Bidder to undertake electrical wiring, earthing, room lighting (including fan), floor preparation using vinyl flooring, furniture, installation of generator sets, installation of UPS equipment, network cable laying etc., at the respective school sites.

3.13.2 Acceptance Test

BSEIDC conduct the assessment of the sites/labs set-up by the bidders. The acceptance test of upto 20% of the schools allocated to bidder in accordance with the requirements in Section-3.12.2 shall be conducted. After successful testing by the Agency an Acceptance Test Certificate shall be issued by BSEIDC to the Bidder. The test will include the following:

- i. All hardware and software items must be installed at particular site as per the specifications given in Section-3.12
- ii. Availability of all the defined services shall be verified. The successful bidder shall be required to demonstrate all the features/facilities/functionalities as mentioned in the RFP document.
- iii. Detailed test plan shall be defined by BSEIDC.

Any delay by the Bidder in the Acceptance Testing shall render the Bidder liable to the imposition of appropriate Penalties.

In the event the Bidder is not able to complete the installation at School site as per the schedule defined by BSEIDC due to non availability of site, the Bidder and BSEIDC may mutually agree to redefine the completion dates so that the Bidder can complete installation and conduct the Acceptance Test within the extended timelines.

Note: The bidder has to complete at least 50 Schools in one lot for acceptance test.

3.13.3 Representations and warranties

Representations and Warranties by the Bidder:

- a. It is a company/ Organization duly organized and validly existing under the laws of India and has all requisite legal power and authority and corporate authorizations to execute the Agreement and carry out the terms, conditions and provisions hereof;
- b. It has in full force and effect all requisite clearances, approvals and permits necessary to enter into the Agreement and perform its obligations hereof;
- c. It will have the legally valid and enforceable title to all Equipment as may be necessary for proper functioning and it will be free from all encumbrances, liens, charges, any security interest and adverse claims of any description;
- d. The Agreement and the transactions and obligations hereof do not contravene its constitutional documents or any law, regulation or government directive and will not contravene any provisions of, or constitute a default under, any other Agreement or instrument to which it is a party or by which it or its property may be bound or any of its obligations or undertakings by which it or any of its assets are bound or cause a limitation on its powers or cause it to exceed its authorized powers;
- e. There is no pending or threatened actions, suits or proceedings affecting the Bidder or its affiliates or any of their respective assets before a court, governmental agency, commission or arbitrator or administrative tribunal which affects the Bidder's ability to perform its obligations under the Agreement; and neither Bidder nor any of its affiliates have immunity from the jurisdiction of a court or from legal process (whether through service of notice, attachment prior to judgment, attachment in aid of execution or otherwise);
- f. The Bidder confirms that all representations and warranties of the Bidder set forth in the Agreement are true, complete and correct in all respects;
- g. No information given by the Bidder in relation to the Agreement, project documents or any document comprising security contains any material mis-statement of fact or omits to state as fact which would be materially adverse to the enforcement of the rights and remedies of BSEIDC or which would be necessary to make any statement, representation or warranty contained herein or therein true and correct;
- h. All equipment including material to be installed by the Bidder in the ICT@SCHOOL PROJECT shall be new and the product should not be de-supported or declared end of life within next 5 years. A certificate to that effect should be furnished from OEM. All equipment shall conform to the codes, standards and regulations applicable to networking facilities and benefit from the usual manufacturer's guarantees.
- i. The warranties for all the equipment are valid for 5 years from the date of commissioning of the equipment at school sites.

3.13.4 Performance Security for operation

Within 15 days of the issuance of LOI the Bidder shall furnish Performance Guarantee to BSEIDC in

the format of Bank Guarantee (From any Nationalized/Scheduled bank) for an amount equal to 10% of the total Project Value, valid for 5 years. BSEIDC may forfeit the Performance Guarantee for any failure on part of Bidder to complete its obligations under the Agreement. The Performance Guarantee shall be denominated in Indian Rupees and shall be in the form of a Bank Guarantee issued by a scheduled bank located in India with at least one branch office in Patna in the format provided by BSEIDC. The Performance Guarantee shall be returned to the Bidder within 30 days of the date of successful discharge of all contractual obligations at the end of the period of the Agreement by BSEIDC. In the event of any amendments to Agreement, the Bidder shall within 15 days of receipt of such amendment furnish the amendment to the Performance Guarantee as required.

3.13.5 Insurance

The equipment and services supplied under the contract shall be fully insured by the bidder against loss or damage incidental to manufacture or acquisition, transportation, storage, delivery and installation. The period of insurance shall be up to the date the supplies are accepted and the rights of the property are transferred to BMSP after the project period ends.

3.13.6 Miscellaneous

- i. The successful bidder/contractor shall maintain the hardware, software and connected accessories in proper working condition throughout the contract period.
- ii. The students/teachers shall not be charged any fee by the contractor.
- iii. The normal school hours will be between 09.00 A.M and 5.00 P.M. subject to any variations at district or school level as may be intimated from time to time.
- iv. The Bidder shall impart teacher training in Hindi as the medium of instruction.
- v. The project duration shall be 5 years. Every quarter the BSEIDC/BMSP will review the performance of the bidder.
- vi. Bid with incomplete information OR not in accordance with instructions or without Bid Security & bid processing fees are liable to be rejected.
- vii. Competent Authority will have the right to inspect the schools of the Bidder already in operation for the purpose of verification and assessing the fulfillment of qualification criteria by the bidder.
- viii. The implementation schedule specified in the Contract shall be strictly adhered to.
- ix. BSEIDC reserves the right to award the contract to more than one Bidder and fix the number of schools & geographical area to different bidders based on the financial, technical and service

capability of the Bidder.

- x. No equipment shall be removed from the school premises by the selected bidder without the concurrence of the School Head Master including for the purposes of replacement, services etc.
- xi. The Computer centre must be available for inspection by the competent authority of Govt. of Bihar/BMSP/BSEIDC, anytime during the project period.
- xii. Adequate care shall be taken by the selected bidder for the safety and security like Insurance, Watch and Ward etc in respect of the materials supplied to school.
- xiii. No. & List of schools & Districts in Zone 3 may change before the signing of the contract at the discretion of purchaser.
- xiv. The employee of the bidder will not claim any employment with purchaser department during or after the contract period.
- xv. The bidder/contractor has to observe all statutory compliances like Service tax, Minimum wages act etc. of Govt. of Bihar and Govt. of India as and when applicable during the contract period.
- xvi. Any disruption in the services and cost arising from the same due to such non-compliance will be sole responsibility of the bidder/contractor.

3.13.7 Approval / Clearances

- a) Necessary approvals/ clearances from BMSP for establishing the Computer Lab in schools shall be provided to the Successful Bidder.

Note:

- 1. All hardware & software shall include 5 Years of Comprehensive On-Site Warranty
- 2. All the supplied Hardware/ Software should be Interoperable, IPv6 ready and in compliance with the policies/ guidelines issued by DIT, GOI in this regard

3.14. Payment Procedure and Terms

3.14.1 Paying Authority

- (a) The payments as per the Payment Schedule covered hereinabove shall be paid by this office of BSEIDC. However, Payment of the Bills would be payable, on receipt of advice/confirmation for satisfactory delivery/installation/re-installation, live running and service report from the concerned teacher education institutes/ sites where the purchased equipment's have been delivered. The confirmation will be issued by the authorized person of Schools. Also the bidder has to submit the certificate of insurance covering all the risks during transit, storage, installation, commissioning, testing and handling including third part liabilities.

3.14.2 Payment Schedules

S.No.	Milestone	Billable fee (as % of Contract Value)
1	Part I (Payment for Hardware, Software & Connected accessories)	<p>I. On completion of successful inspection of the supplied hardware & software & installation of hardware and software and connected accessories and receipt of certificate of installation from the concerned School Principals & DEO of respective district, 30% of the total value of Hardware part will be paid to the contractor</p> <p>II. Remaining 70% will be paid to the contractor in 20 equal installments once every three months subject to satisfactory performance. Bidder need to furnish the quarterly performance reports signed by the concerned School Principals with the Quarterly invoices. The payment will also be subject to the quarterly performance review report submitted by a third party appointed by BSEIDC, if any.</p> <p>III. All payments will be subject to tax as applicable at the prevailing tax rates and TDS as per applicable rules will be deducted</p>
2	Part II Providing Computer Education Services (man-power etc.):	<p>I. No advance payment will be made</p> <p>II. The cost of Providing Manpower Services, managing School infrastructure, coordinating the Project will be paid to the bidder in 20 equal installments once every 3 months. The payment becomes due on the satisfactory completion of service every quarter and shall be paid at the beginning of the succeeding quarter. The first quarter will start on the date of completion of installation of hardware, software & connected accessories for which the receipt of certificate of installation from the concerned school Principals. The payment will also be subject to the quarterly performance review report submitted by a third party appointed by BSEIDC/ BMSP, if any.</p>
3	Part III Teacher Training	<p>I. On completion of the Teacher Training: 100 % of the contract price for teacher training will be released on submission of invoice after completion of training of the total numbers of teachers assigned.</p> <p>II. In case the training of the teachers is planned over a period of time, the payments will be released in the proportion of the numbers of teachers trained.</p>

4. List of Schools (Zone Wise):

S.N	Phase No.	No. of schools	Districts	Zone
1	Phase 2	168 Schools	8 Districts Nalanda, Jamui, Nawada, Lakhisarai, Sheikhpura, Khagaria, Saharsa and Begusarai	Zone III
2	Phase 3	277 Schools	38 Districts All Districts of Bihar	Zone I
	Total	445 Schools		

*** List of Institution (Zone Wise) will be provided Later.**

Note: e- tendering will be done zone wise i.e for Zone III of Phase 2 (having 168 schools) and Zone I of Phase 3 (having 277 schools) separately

Annexure I: Technical Bid, Financial Bid, Forms & Documents

The bidders are expected to respond to the RFP using the forms given in this section and all documents supporting Pre-Qualification / Technical Evaluation Criteria. Pre-Qualification Bid & Technical

Proposal shall comprise of following forms:

Forms to be submitted in Technical Proposal

- Form 1: Technical Bid , Compliance sheet & Check List
- Form 2: Manufacturers / OEMs authorization form
- Form 3: Format for Performance Bank Guarantee
- Form 4: Compliance Sheet for Technical Proposal
- Form 5: Letter of Proposal
- Form 6: Self-declaration – No blacklisting undertaking
- Form 7: Bidder Profile
- Form 8 : Power of Attorney
- Form 9 : Covering Letter
- Form 10: Bidder Experience
- Form 11: Financial Information Summary
- Form 12: Describing the technical competence and experience of the bidder
- Form 13: Undertaking that the bidder is quoting for all the items (including services) mentioned in the tender.
- Form 14: Bidders to provide references of their proposed shared computing solution being under full use for at least more than one year in minimum 1000 Govt. schools in India as on 31/03/2015
- Form 15: Reference list of major clients (using equipment/services similar to the present Requirement of Bihar State Educational Infrastructure Development Corporation Ltd.)

Form 16: Solvency Certificate from Bank for meeting the expected cost of the Bid.

Note: (a) Bidders may be disqualified if rates/prices are disclosed anywhere in online submission of Technical Proposal. Rates/prices etc should be submitted in online submission of Financial proposal.

(b) Bidder has to upload only the same product information Brochure which is being provided in the bid including the Model features.

Forms to be submitted in Financial Proposal

Form 17 : Financial Bid (Zone Wise)

Note : For support related to e-tendering process, bidders may contact at following address
“eProcurement HELP DESK, First Floor, M/22, Bank Of India Building, Road No 25, Sri Krishna Nagar, Patna, Bihar, Pin-800001, Phone No: 0612-2523006, Mob- 7542028164”

Important Information:

Bidders have to provide the Technical Bid (comprising of Form 1 To 16) as well as Financial Bid (Form 17) Zone wise , if applying both Zone.

Form 2: Manufacturers / OEMs authorization form

Date:

To:

**Bihar State Educational Infrastructure Development Corporation Ltd.
Shiksha Bhawan, Bihar Rashtrabhasha Parishad ,
Acharya Shiv Pujan Sahay Path, Saidpur,
Patna, Bihar –Pin Code-800004**

OEM Authorization Letter

Dear Sir,

Ref: Your RFP Ref: [*] dated [*]

We _____, (*name and address of the manufacturer*) who are established and reputed manufacturers of _____ having factories at _____ (*addresses of manufacturing locations*) do hereby authorize M/s _____ (*name and address of the bidder*) to bid, negotiate and conclude the contract with you against the above mentioned tender for the above equipment manufactured by us.

Yours faithfully,

For and on behalf of M/s _____ (*Name of the manufacturer*)

Signature

Name

Designation

Address

Date

Directorate Seal

Note: This letter of authority should be on the letterhead of the concerned manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer.

Form 3: Performance Bank Guarantee Format

To,

**Bihar State Educational Infrastructure Development Corporation Ltd.
Shiksha Bhawan, Bihar Rashtrabhasha Parishad ,
Acharya Shiv Pujan Sahay Path, Saidpur,
Patna, Bihar –Pin Code-800004**

Whereas(hereinafter called “the Bidder”) has submitted its Bid dated (date of submission of Bid) for execution of ICT@ School Project and Facility Management Services in terms of the Tender dated issued by the BSEIDC , Patna, (hereinafter called “the Bid”).

Whereas as per Section 3.13.4 Clause of the Bid, the Bidder is required to furnish a bank guarantee as Performance Guarantee from a scheduled nationalised bank (Bank Guarantee)

In consideration of the fact that the Bidder is our valued customer and the fact that he has submitted the Bid, we, (name and address of the bank), (hereinafter called “the Guarantor Bank”), has agreed to bind ourselves, our successors, and assigns to irrevocably issue this Bank Guarantee and guarantee as under

NOW THIS GUARANTEE WITNESSETH: -

1. If the Bidder
 - (a) having been notified of the acceptance of its Bid by the Managing Director, Bihar State Educational Infrastructure Development Corporation Ltd. , during the period of Bid Proposal validity:
 - (i) fails to perform as per the contract obligations.

The Guarantor Bank shall immediately on demand pay the Managing Director, Bihar State Educational Infrastructure Development Corporation Ltd. , Patna, without any demur and without the Managing Director, Bihar State Educational Infrastructure Development Corporation having to substantiate such demand a sum of Rs____ Lakhs (_____ Lakhs) (Guaranteed Amount).

2. The Guarantor Bank will make the payment of the Guaranteed Amount forthwith on the demand made by the Managing Director, Bihar State Educational Infrastructure Development Corporation Ltd. notwithstanding any objection or dispute that may exist or arise between the Managing Director, Bihar

State Educational Infrastructure Development Corporation, and the Bidder or any other person.

3. The demand of the Managing Director, Bihar State Educational Infrastructure Development Corporation Ltd. on the Guarantor Bank for the payment of the Guaranteed Amount, shall be deemed as the final proof of fulfillment of the conditions stipulated in (1) above.
4. This Guarantee shall be irrevocable and shall not be discharged except by payment of the above amount by us to the Managing Director, Bihar State Educational Infrastructure Development Corporation Ltd. and our liability under this Guarantee shall be restricted to the Guaranteed Amount being Rs ____ Lakhs (_____ Lakhs).
5. If it is necessary to extend this Guarantee on account of any reason whatsoever, we undertake to extend the period of this Guarantee on the request of the Bidder under intimation to the Managing Director, Bihar State Educational Infrastructure Development Corporation Ltd..
6. To give full effect to the Guarantee contained herein, the Managing Director, Bihar State Educational Infrastructure Development Corporation Ltd., shall be entitled to act as if the Guarantor Bank is the principal debtor in respect of claims against the Bidder and the Guarantor Bank hereby expressly waives all its rights of surety-ship and other rights, if any, which are in any way inconsistent with any of the provisions of this Guarantee.
7. Any notice by way of demand or otherwise may be sent by special courier, telex, fax, registered post or other electronic media to our address as afore-said and if sent by post, shall be deemed to have been given to us after expiry of 48 hours when the same has been posted.
8. Our liability under this Guarantee will continue to exist until a demand is made by the Managing Director, Bihar State Educational Infrastructure Development Corporation Ltd. in writing or up to and including 5 year from the date of signing of contract, i.e. up to _____2020, and any demand in respect thereof should reach the Bank not later than the above date.

Dated this day2015

Yours faithfully,

For and on behalf of the Guarantor Bank,

(Signature)

Designation

(Address and Common Seal of the bank)

Note: To be executed at the time of Signing of Contract by the Selected Vendor

Form 4: Compliance Sheet for Technical Proposal

The Technical proposal should comprise of the following basic requirements. The documents mentioned in this compliance sheet along with this form, needs to be a part of the Technical proposal

Compliance Sheet for Technical Proposal					
supply installation and maintenance of I.T. Infrastructure (Establishment of computer lab, Hardware, including desktops, P.C. sharing kit, networking equipment, operating system (GUI)/Office suit and Applications software, furniture and trainer etc.) in the schools across rural and urban areas of Bihar in an efficient and effective manner on Build Own Operate And Transfer Model (BOOT) for five years					
Name of bidder					
Registered office address					
SI No	Items	Description	Proposed Hardware / equipment(Make & Model)	Compliance to Features & Functionalities of the Model Proposed	Deviations/re marks
1	Desktop Computer (Windows based)	X86 architecture, 3.2GHz or higher with 4 dedicated Cores, Minimum 4MB L3 cache, Compatible chipset with HD graphics, 4GB DDR3 RAM expandable to 16 GB. Ports: 1 parallel , 1 serial , 2 PS/2, 4 USB , 1 SVGA jacks, 2 Free Full Height PCI Slots, 2 SATA controllers 320 GB SATA HDD or Higher. DVD combo Drive, 18.5”TFT LCD Monitor, 107 keys keyboard (PS/2) optical scroll mouse with Pad(PS/2)onboard. 10/100/1000 Mbps Ethernet , HD Graphics on Chipset, 300 watt or above speaker set, web camera, dust cover ISO 9001: 2000 Certification			
2	Access Device	<ul style="list-style-type: none"> • Multibox device which allows 6 users to share a single host PC through a share computing PC-Sharing kit (which includes one full height PCI Card, Virtualisation software, access devices with speaker output, PS/2 Mouse and PS/2 Keyboard output. SVGA 			

		<p>Monitor output and RJ45 Connection Port.</p> <ul style="list-style-type: none"> • Each access device should be standalone equipment and not integrated with any peripheral like keyboard, mouse, monitor etc. • Each user should have 18.5" wide TFT (TCO '05/FCC-B/CE/EPA/RoHS certified or equivalent), PS/2 Keyboard and PS/2 Mouse. • The access device should be integrated with Host PC via CAT 6 cable with support up to 10mtr/32ft. Each user should have independent desktop environment. User experience on shared terminal should be substantially the same as on the host PC (Boot time, Login Experience, Responsiveness (Mouse, Keyboard, application start-up and execution), Graphics/Multimedia, Logout. Power consumption of each access device should not exceed more than 1-2watts. ISO 9001: 2000 Certification 			
3	LCD TV 40" or higher	<p>40" or higher LCD TV with Composite AV Port (1 Video & 2 Audio), Brightness: Min. 450 cd/sq. mtrs, Dynamic contrast ratio 30000:1, Full HD 1080P, Resolution: 1920 x 1080, Inbuilt speakers of min. 10 + 10 watts or more, stereo sound, PC input, HDMI Interface, USB/DVI port as a feature to directly run JPG, MP3 & Video files from USB device, SVGA port. 178 degree viewing angle. This TV should be capable to be directly connected to a Computer for Audio-video use in school. This TV needs to be supplied with floor stand/ wall mount with VESA mount capable of horizontal & vertical mount of TV. 5 star and above energy star (MS/SS structure), In case of floor stand should be at least 5 ft. from ground</p>			
4	Antivirus Valid for whole period of year	<p>Preloaded Norton/McAfee/kaspersky/Trend Micro /Quick Heal/Bitdefender/Avast/AVG</p>			

		Licensed Version or Equipment			
5	Laser printer, Scanner & Copier	Multi Functional Laser Printer with facility of print, scan, copy speed 16 PPM or higher, 1200 DPI, 64 MB RAM, ISO 9001: 2000 Certification			
6	Internet Services for Schools	Internet dongle with speed of 512 Kbps Up to 2 Mbps Telecom Services Provider : BSNL / Other Indian Telecom Service Provide (easy to Deploy with installed OS)			
7	Networking Components	Non – manageable Switch, Number of port in switch -8 Data switching speed of switch-100Mbps Cat-6 UTP cable(factory crimped)- as per requirements of the site, RJ45 connectors, information Outlets with surface mounting Box – As per requirements of the site. Laying of cable with conduit pipe- as per actual, ISO 9001: 2000 Certification			
8	Wall Clock	ISI mark (branded)			
9	Genset	<p>5kVA single phase Silent Generator set having:</p> <ol style="list-style-type: none"> 1. Type of Engine : Air Cooled (Direct Injection) 2. 2. Gross BHP : 11.5 @ 1500 RPM 3. Type & Class of Governing : Mechanical, A1 4. Aspiration: Naturally Aspirated 5. Alternator Type : Brushless, Insulation Class H 6. ISO -9001: 2000 & ISO 14001 Certification 7. B.I.S. Certification mandatory 8. Confirming to CPCB- II Norms 9. Fuel to be used for DG Set must be HSD (High Speed Diesel) 10. Minimum output rating of 5kVA operations on single phase with automatic starting with in one minute of power failure and a changeover switch. It is the 			

		<p>responsibility of the bidder to ensure that the generator supplied to school enables continuous running of all computers and equipment including printer,fans,lights etc inside the computer room during the four hours of computer teaching.</p> <p>11. The output voltage of DG Set should vary with in the specified limits of plus or minus 10%</p> <p>12. The maximum permissible sound level shall be 75 dBA at 1 meter from the enclosure/canopy surface</p> <p>13. Protection for Frequency/ Speed Overload, Low Lube Oil Pressure,High Cylinder Temperature, Low Fuel Level, Exhaust Fan Failure, Charging Alternator/V-Belt Failure etc</p>			
10	Furniture (ISO Certified)	<p>Details about each School :</p> <p>Computer Table:13 units (ISO Certified), 600mm x 450mm x 725mm or better with sunmica top having facility for keeping CPU, Monitor, Keyboard and Mouse (pull out tray). Monitor should be fixed with tabletop to avoid damage.</p> <p>Chairs: 30 PVC/ Moulded Chair without arm (ISO Certified)</p>			
11	Site Preparation (approx 500 sq feet)	Electrical Wiring, earthing, Room lighting (including minimum 3Fans) of Havells/Crompton/Acchor make. Dust Free room With floor preparation using Vinyl flooring and painting, Mild Steel grills for door & windows.			
12	Integrated Group Learning Device	<p><u>Projection System:</u></p> <p>Brightness: 2500 - ANSI Lumens (SVGA) Short Throw; Contrast Ratio: 2500:1;</p>			

		Lamp Life: 4000 Hrs (Economy Mode); <u>Computing System:</u> CPU: Dual Core, clock speed:1.40GHz and above, Cache: 3MB Memory: RAM:4GB;HDD:500 GB; Graphics: Integrated Graphics ; Optical Drive; DVD RW; Audio: 30 Watts audio output; Ports: 4; LAN: 1x Gbps, Windows 8			
13	UPS for Desktop PCs & access devices with Integrated Group Learning Device and printer with Required battery backup for 5 years.	1KVA, battery12V/7Ah x 2, Line Interactive UPS for single phase AC 145-280VAC input. ISO 9001:2000 certified. Separate cabling (with capping casing) to be done for each Desktop/Access Device/IGLD for the 2 UPS and one for LCD TV Bidder to ensure all IT equipment in lab is running on UPS in case of power failure.			
14	Voltage Stabilizer	3.0 KVA Stabilizer. Input Range (110V-280V) single phase. ISO 9001: 2000 Certification			
15	Software (OS)	Microsoft Windows Multipoint Server 2012 (National Academic) including CAL (4+5)			
16	Software (Office Suite)	MS Office 2013 (National Academy)/(Uner PIL)			
17	E-Content	E-Content in Maths, Science, Social Science, English & Hindi			
18	Teachers Training	Ten(10) Teachers per school			
19	Manpower	One School Coordinator per school (For 60 months)			
		One District Coordinator per District (For 60 months)			
		One Project manager per Zone (For 60 months)			
20	Computer education consumable	2000 sheets of A4 size paper (Min 70 GSM) Per Year Per School			
		1 new cartridge and 2 refills per year per Lab per school for multifunctional printer			
		50 Blank CDs(Rewritable) per year Per school			
21	Genset consumable	For running of the Genset for four Hours per working day per school (For 60 months)			

Form 5: Letter of Proposal

To:

**Bihar State Educational Infrastructure Development Corporation Ltd.
Shiksha Bhawan, Bihar Rashtrabhasha Parishad ,
Acharya Shiv Pujan Sahay Path, Saidpur,
Patna, Bihar –Pin Code-800004**

Subject: Submission of the Technical bid for 'supply installation and maintenance of I.T. Infrastructure (Establishment of computer lab, Hardware, including desktops, P.C. sharing kit, networking equipment, operating system (GUI)/Office suit and Applications software, furniture and trainer etc.) in the schools across rural and urban areas of Bihar in an efficient and effective manner on Build Own Operate And Transfer Model (BOOT) for five years'.

Dear Sir/Madam,

We, the undersigned, offer to provide < Hardware supply & related services > to the BSEIDC on with your Request for Proposal dated <insert date> and our Proposal. We are hereby submitting our Proposal, which includes this Technical bid and the Financial Bid online through website www.eproc.bihar.gov.in. We hereby declare that all the information and statements made in this Technical bid are true and accept that any misinterpretation contained in it may lead to our disqualification. We undertake, if our Proposal is accepted, to initiate the Implementation services related to the assignment not later than the date indicated in Fact Sheet. We agree to abide by all the terms and conditions of the RFP document. We would hold the terms of our bid valid for 180 days as stipulated in the RFP document.

We understand you are not bound to accept any Proposal you receive.

Yours sincerely,

Authorized Signature [In full and initials]: Name and Title of Signatory:

Name of Firm:

Address:

Location: _____ Date: _____

Form 6: Self-declaration – No Blacklisting undertaking

(On bidder's letter head)

To,

**Bihar State Educational Infrastructure Development Corporation Ltd.
Shiksha Bhawan. Bihar Rashtrabhasha Parishad Campus
Acharya Shiv Pujan Sahay Path,
Patna, Bihar –Pin Code-800004**

In response to the Tender/ NIT Ref. No. _____ dated _____ for 'supply installation and maintenance of I.T. Infrastructure (Establishment of computer lab, Hardware, including desktops, P.C. sharing kit, networking equipment, operating system (GUI)/Office suit and Applications software, furniture and trainer etc.) in the schools across rural and urban areas of Bihar in an efficient and effective manner on Build Own Operate And Transfer Model (BOOT) for five years', as an Owner/ Partner/Director of _____, I/ We hereby declare that presently our Company/ firm _____, at the time of bidding, is having unblemished record and is not declared ineligible for corrupt & fraudulent practices either indefinitely or for a particular period of time by any State/ Central government/ PSU/ UT. If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our security may be forfeited in full and our bid, to the extent accepted, may be cancelled.

Thanking you,

Name of the Bidder:

Authorized Signatory:

Seal of the Organization:

Date:

Place:

Form 7: Bidder Profile

(On bidder's letter head)

Sr. No	Details	
1	Name of the Firm	
2	Registered Office address Telephone Number Fax Number e-mail	
3	Correspondence/ contact address	
4	Details of Contact person (Name, designation, address etc.) Telephone Number Fax Number e-mail	
5	Is the firm a registered company? If yes, submit Documentary proof. Year and Place of the establishment of the Company	
6	Former name of the company, if any.	
7	Is the firm <ul style="list-style-type: none">➤ Government/ Public Sector Undertaking propriety firm➤ partnership firm (if yes, give partnership deed)➤ limited company or limited corporation	

	<ul style="list-style-type: none"> ➤ member of a group of companies (if yes, give name and address, and description of other companies) ➤ Subsidiary of a large corporation (if yes give the name and address of the parent organization) If the company is subsidiary, state what involvement if any, will the parent company have in the project. 	
8	Is the firm registered with sales tax department? If yes, submit valid sales tax registration certificate.	
9	Is the firm registered for service tax with Service Tax department? If yes, Submit valid service tax registration certificate.	
10	Is the firm registered under Labor Laws Contract Act? If yes, submit valid registration certificate.	
11	<p>Attach the organizational chart showing the structure of the organization including the names of the directors and the position of the officers.</p> <p>Total number of employees</p>	
12	<p>How many years has your organization been in business under your present name? What were your fields when you established your organization?</p> <p>When did you add new fields (if any)?</p>	
13	<p>What type best describes your firm? (documentary proof to be submitted)</p> <ul style="list-style-type: none"> · Manufacturer · Supplier · System Integrator · Consultant · Service Provider (pl. specify details) · Software Development 	

	<ul style="list-style-type: none"> · Total solution provider (Design, Supply, Integration, O&M) · IT Company 	
14	Number of Offices / Project Locations	
15	Do you have a local representation /office in Bihar? If so, please give the address and the details of staff, infrastructure etc in the office and no. of years of operation of the local office	
16	Do you intend to associate any other organization for the works for which you are bidding? If so, please give full particulars of that organization separately.	
17	Please give details of Key Technical and Administrative staff who will be involved in this project, their role in the project, their Qualifications & experience and the certification attained (documentary proof to be submitted)	
20	Is your organization has SEI – CMM / ISO 9001 certificates? If so, attach copies of the certificates. State details, if certified by bodies, other than that stated.	
21	List the major clients with whom your organization has been/ is currently associated.	
22	Were you ever required to suspend a project for a period of more than three months continuously after you started? If so, give the names of project and reasons for the same.	
23	Have you in any capacity not completed any work awarded to you? (If so, give the name of project and reason for not completing the work)	
24	In how many projects you were imposed penalties for delay? Please give details.	
25	The bidder shall disclose details pertaining to all contingent liabilities, claims, disputes, matters in appeal & in court and any pending litigation against the bidder or any member of the Consortium. If nil, an undertaking from the bidder/ prime member of the consortium mentioning the same.	

26	Please submit the Solvency certificate as per Form 16	
27	Have you ever been denied tendering facilities by any Government/ Department/ Public sector Undertaking? (Give details)	

Form 8: Power of Attorney

To,

**Bihar State Educational Infrastructure Development Corporation Ltd.
Shiksha Bhawan. Bihar Rashtrabhasha Parishad Campus
Acharya Shiv Pujan Sahay Path,
Patna, Bihar –Pin Code-800004**

I / We {Name/ Designation} hereby declare/ certify that {Name/ Designation} is hereby authorized to sign relevant documents on behalf of the company/ firm in dealing with Tender/ NIT reference No. _____ dated _____. He/ She is also the one authorized to attend meetings & submit technical & commercial information/clarifications as may be required by you in the course of processing the Bid. For the purpose of validation, his/ her verified signatures are as under.

Thanking you,

Name of the Bidder: -

Verified Signature:

Authorised Signatory:

Seal of the Organization: Date

Form 9: Covering Letter

To:

**Bihar State Educational Infrastructure Development Corporation Ltd.
Shiksha Bhawan. Bihar Rashtrabhasha Parishad Campus
Acharya Shiv Pujan Sahay Path,
Patna, Bihar –Pin Code-800004**

Subject: Submission of the financial bid for 'supply installation and maintenance of I.T. Infrastructure (Establishment of computer lab, Hardware, including desktops, P.C. sharing kit, networking equipment, operating system (GUI)/Office suit and Applications software, furniture and trainer etc.) in the schools across rural and urban areas of Bihar in an efficient and effective manner on Build Own Operate And Transfer Model (BOOT) for five years'.

Dear Sir/Madam,

We, the undersigned, offer to provide the Implementation services for << Hardware supply & related services >> in accordance with your Request for Proposal dated [Date] and our Proposal (Technical and Financial Proposals is uploaded separately as per requirement of Tender).

Our Financial Proposal shall be binding upon us, up to expiration of the validity period of the Proposal, i.e., [Date].

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature:

Name and Title of Signatory:

Name of Firm:

Address:

Form 10: Bidder Experience

Assignment Name:			
Location within Country:		Professional Staff Provided by Your Firm	
Name of Client:		No. of Staff:	
Address:		No. of Staff-Months; duration of assignment	
Start Date (Month/Year):	Completion Date (Month/Year):	Approx. Value of Services :	
Name of Associated Consultants, if any:		No. of Months of Professional Staff, provided by Associated Consultants:	
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed:			
Narrative Description of Project:			
Description of Actual Services Provided by Your consultant :			

Form 11: Financial Information Summary

S. NO	Name of the Bidder	Turn Over (Rs. Crores)			Total of 3 Financial Years
		2012-13	2013-14	2014-15	

Note : Please enclose balance sheet and profile & Loss statement.

Form 12: Describing the technical competence and experience of the bidder

(On bidder's letter head)

Form 13: Undertaking that the bidder is quoting for all the items (including services) mentioned in the tender.

(On bidder's letter head)

Form 14: Bidders to provide references of their proposed shared computing solution being under full use for at least more than one year in minimum 1000 Govt. schools in India as on 31/03/2015.

(On bidder's letter head)

Form 15: Reference list of major clients (using equipment/services similar to the present requirement of Bihar State Educational Infrastructure Development Corporation Ltd.)

(On bidder's letter head)

Form 16: Solvency Certificate from Bank for meeting the expected cost of the Bid.

(On bidder's letter head)

Form 17: Financial Bid (For Zone III of Phase 2)

Bihar State Educational Infrastructure Development Corporation							
Financial Bid							
supply installation and maintenance of I.T. Infrastructure (Establishment of computer lab, Hardware, including desktops, P.C. sharing kit, networking equipment, operating system (GUI)/Office suit and Applications software, furniture and trainer etc.) in the schools across rural and urban areas of Bihar in an efficient and effective manner on Build Own Operate And Transfer Model (BOOT) for five years'							
Name of bidder							
Registered office address							
Sl. No.	Items	Description	Units/ Per School	Price Per School	Total Number of Schools (168)	Total price (Rupees in figure)	Total price (Rupees in words)
1	Desktop Computer (Windows based)	X86 architecture, 3.2GHz or higher with 4 dedicated Cores, Minimum 4MB L3 cache, Compatible chipset with HD graphics, 4GB DDR3 RAM expandable to 16 GB. Ports: 1 parallel , 1 serial , 2 PS/2, 4 USB , 1 SVGA jacks, 2 Free Full Height PCI Slots, 2 SATA controllers 320 GB SATA HDD or higher DVD combo Drive, 18.5"TFT LCD Monitor, 107 keys keyboard (PS/2) optical scroll mouse with Pad(PS/2)onboard. 10/100/1000 Mbps Ethernet , HD Graphics on Chipset, 300 watt or above speaker set, web camera, dust cover ISO 9001: 2000 Certification	2				
2	Access Device	<ul style="list-style-type: none"> • Multibox device which allows 6 users to share a single host PC through a share computing PC-Sharing kit (which includes one full height PCI Card, Virtualisation software, access devices with speaker output, PS/2 Mouse and PS/2 Keyboard output. 	9				

		<p>SVGA Monitor output and RJ45 Connection Port.</p> <ul style="list-style-type: none"> • Each access device should be standalone equipment and not integrated with any peripheral like keyboard, mouse, monitor etc. • Each user should have 18.5" wide TFT (TCO '05/FCC-B/CE/EPA/RoHS certified or equivalent), PS/2 Keyboard and PS/2 Mouse. •The access device should be integrated with Host PC via CAT 6 cable with support up to 10mtr/32ft. <p>Each user should have independent desktop environment.</p> <p>User experience on shared terminal should be substantially the same as on the host PC (Boot time, Login Experience, Responsiveness (Mouse, Keyboard, application start-up and execution),Graphics/Multimedia, Logout.Power consumption of each access device should not exceed more than 1-2watts.</p> <p>ISO 9001: 2000 Certification</p>					
3	LCD TV 40" or higher	<p>40"or higher LCD TV with Composite AV Port (1 Video & 2 Audio), Brightness: Min. 450 cd/sq. mtrs, Dynamic contrast ratio 30000:1, Full HD 1080P, Resolution: 1920 x 1080, Inbuilt speakers of min. 10 + 10 watts or more, stereo sound, PC input,HDMI Interface, USB/DVI port as a feature to directly run JPG,MP3 & Video files from USB device, SVGA port.</p> <p>178 degree viewing angle. This TV should be capable to be directly connected to a Computer for Audio-video use in school.</p> <p>This TV needs to be supplied with floor stand/ wall mount withVESA mount capable of horizontal & vertical mount of TV. 5 star and above energy star.(MS/SS structure), In case of</p>	1				

		floor stand should be at least 5 ft.from ground					
4	Antivirus Valid for whole period of year	Preloaded Norton/McAfee/kaspersky/Trend Micro /Quick Heal/Bitdefender/Avast/AVG Licensed Version or Equipment	2				
5	Laser printer, Scanner & Copier	Multi Functional Laser Printer with facility of print, scan, copy speed 16 PPM or higher, 1200 DPI, 64 MB RAM, ISO 9001: 2000 Certification	1				
6	Internet Services for Schools	Internet dongle with speed of 512 Kbps Up to 2 Mbps Telecom Services Provider : BSNL / Other Indian Telecom Service Provide (easy to Deploy with installed OS)	1				
7	Networking Components	Non – manageable Switch, Numner of port in switch -8 Data switching speed of switch-100Mbps Cat-6 UTP cable(factory crimped)- as per requirements of the site, RJ45 connectors, information Outlets with surface mounting Box – As per requirements of the site. Laying of cable with conduit pipe- as per actual, ISO 9001: 2000 Certification	1				
8	Wall Clock	ISI mark (branded)	1				
9	Genset	5kVA single phase Silent Generator set having: <ol style="list-style-type: none"> 1. Type of Engine : Air Cooled (Direct Injection) 2. 2. Gross BHP : 11.5 @ 1500 RPM 3. Type & Class of Governing : Mechanical, A1 4. Aspiration: Naturally Aspirated 5. Alternator Type : Brushless, Insulation Class H 6. ISO -9001: 2000 & ISO 14001 Certification 7. B.I.S. Certification mandatory 8. Confirming to CPCB- II Norms 	1				

		<p>9. Fuel to be used for DG Set must be HSD (High Speed Diesel)</p> <p>10. Minimum output rating of 5kVA operations on single phase with automatic starting with in one minute of power failure and a changeover switch. It is the responsibility of the bidder to ensure that the generator supplied to school enables continuous running of all computers and equipment including printer,fans,lights etc inside the computer room during the four hours of computer teaching.</p> <p>11. The output voltage of DG Set should vary with in the specified limits of plus or minus 10%</p> <p>12. The maximum permissible sound level shall be 75 dBA at 1 meter from the enclosure/canopy surface</p> <p>13. Protection for Frequency/ Speed Overload, Low Lube Oil Pressure,High Cylinder Temperature, Low Fuel Level, Exhaust Fan Failure, Charging Alternator/V-Belt Failure etc</p>					
10	Furniture (ISO Certified)	<p>Details about each School :</p> <p>Computer Table:13 units (ISO Certified),</p> <p>600mm x 450mm x 725mm or better with sunmica top having facility for keeping CPU, Monitor, Keyboard and Mouse (pull out tray). Monitor should be fixed with tabletop to avoid damage.</p>	43				

		Chairs: 30 PVC/ Moulded Chair without arm (ISO Certified)					
11	Site Preparation (approx 500 sq feet)	Electrical Wiring, earthing, Room lighting (including minimum 3Fans) of Havells/Crompton/Acchor make. Dust Free room With floor preparation using Vinyl flooring and painting, Mild Steel grills for door & windows.	1				
12	Integrated Group Learning Device	<u>Projection System:</u> Brightness: 2500 - ANSI Lumens (SVGA) Short Throw; Contrast Ratio: 2500:1; Lamp Life: 4000 Hrs (Economy Mode); <u>Computing System:</u> CPU: Dual Core, clock speed:1.40GHz and above, Cache: 3MB Memory: RAM:4GB;HDD:500 GB; Graphics: Integrated Graphics ; Optical Drive; DVD RW; Audio: 30 Watts audio output; Ports: 4; LAN: 1x Gbps, Windows 8	1				
13	UPS for Desktop PCs & access devices Integrated Group Learning Device and printer with required battery backup for 5 years.	1KVA, battery12V/7Ah x 2, Line Interactive UPS for single phase AC 145-280VAC input. ISO 9001:2000 certified. Separate cabling (with capping casing) to be done for each Desktop/Access Device/IGLD for the 2 UPS and one for LCD TV Bidder to ensure all IT equipment in lab is running on UPS in case of power failure.	3				
14	Voltage Stabilizer	3.0 KVA Stabilizer. Input Range (110V-280V) single phase. ISO 9001: 2000 Certification	1				
15	Software (OS)	Microsoft Windows Multipoint Server 2012 (National Academic) including CAL (4+5)	2 CAL(4+5)				
16	Software (Office Suite)	MS Office 2013 (National Academy)/(Under PIL)	11				
17	E-Content in	E-Content in Maths, Science ,Social Science, English & Hindi	1				

	Maths, Science, Social Science, English & Hindi						
18	Teachers Training	Ten(10) Teachers per school	1				
19	Sub Total of Sr. no. From 1 to 18 (in figures)						
	Sub Total of Sr. no. From 1 to 18 (in words)						

The price quoted in the row 19 shall be inclusive of Cost, insurances, freight, VAT, CST & all kind Of applicable taxes including the maintenance cost for 5 (Five)years

Education Services (Manpower ,consumable items for 60 Months)

S. No.	Item	No of District /Schools/Zone	Price per school/District/Zone (For period of 60 Months)	Total Price (No. of Schools/District * Price)	
				In Figure	In Words
20	Manpower				
(a)	One School Coordinator per school (For 60 months)	168			
(b)	One District Coordinator per District (For 60 months)	8			
(c)	One Project manager per Zone (For 60 months)	1			
21	Computer education consumable				
(a)	2000 sheets of A4 size paper (Min 70 GSM) Per Year Per School	168			
(b)	1 new cartridge and 2 refills per year per Lab per school for multifunctional printer	168			
(c)	50 Blank CDs(Rewritable) per year Per school	168			

22	Genset consumable			
(a)	For running of the Genset for four Hours per working day per school (For 60 months)	168		
23	Sub Total of Sr. No. 20,21 & 22 (in figures)			
	Sub Total of Sr. No. 20,21 & 22 (in words)			
Total prices quoted in the row 23 shall be inclusive of all kind of applicable taxes.				
24	Grand Total (sum of Row no.19 & 23) (in figures)			
	Grand Total (sum of Row no.19 & 23)) (in words)			
The final cost quoted in the row 24 will be consider for commercial evaluation.				

Form 17: Financial Bid (For Zone I of Phase 3)

Bihar State Educational Infrastructure Development Corporation							
Financial Bid							
supply installation and maintenance of I.T. Infrastructure (Establishment of computer lab, Hardware, including desktops, P.C. sharing kit, networking equipment, operating system (GUI)/Office suit and Applications software, furniture and trainer etc.) in the schools across rural and urban areas of Bihar in an efficient and effective manner on Build Own Operate And Transfer Model (BOOT) for five years'							
Name of bidder							
Registered office address							
Sl. No.	Items	Description	Units/ Per School	Price Per School	Total Number of Schools (277)	Total price (Rupees in figure)	Total price (Rupees in words)
1	Desktop Computer (Windows based)	X86 architecture, 3.2GHz or higher with 4 dedicated Cores, Minimum 4MB L3 cache, Compatible chipset with HD graphics, 4GB DDR3 RAM expandable to 16 GB. Ports: 1 parallel , 1 serial , 2 PS/2, 4 USB , 1 SVGA jacks, 2 Free Full Height PCI Slots, 2 SATA controllers 320 GB SATA HDD or higher DVD combo Drive, 18.5" TFT LCD Monitor, 107 keys keyboard (PS/2) optical scroll mouse with Pad(PS/2)onboard. 10/100/1000 Mbps Ethernet , HD Graphics on Chipset, 300 watt or above speaker set, web camera, dust cover ISO 9001: 2000 Certification	2				
2	Access Device	<ul style="list-style-type: none"> Multibox device which allows 6 users to share a single host PC through a share computing PC-Sharing kit (which includes one full height PCI Card, Virtualisation software, access devices with speaker output, PS/2 Mouse and PS/2 Keyboard output. 	9				

		<p>SVGA Monitor output and RJ45 Connection Port.</p> <ul style="list-style-type: none"> • Each access device should be standalone equipment and not integrated with any peripheral like keyboard, mouse, monitor etc. • Each user should have 18.5" wide TFT (TCO '05/FCC-B/CE/EPA/RoHS certified or equivalent), PS/2 Keyboard and PS/2 Mouse. •The access device should be integrated with Host PC via CAT 6 cable with support up to 10mtr/32ft. <p>Each user should have independent desktop environment.</p> <p>User experience on shared terminal should be substantially the same as on the host PC (Boot time, Login Experience, Responsiveness (Mouse, Keyboard, application start-up and execution),Graphics/Multimedia, Logout.Power consumption of each access device should not exceed more than 1-2watts.</p> <p>ISO 9001: 2000 Certification</p>					
3	LCD TV 40" or higher	<p>40"or higher LCD TV with Composite AV Port (1 Video & 2 Audio), Brightness: Min. 450 cd/sq. mtrs, Dynamic contrast ratio 30000:1, Full HD 1080P, Resolution: 1920 x 1080, Inbuilt speakers of min. 10 + 10 watts or more, stereo sound, PC input,HDMI Interface, USB/DVI port as a feature to directly run JPG,MP3 & Video files from USB device, SVGA port.</p> <p>178 degree viewing angle. This TV should be capable to be directly connected to a Computer for Audio-video use in school.</p> <p>This TV needs to be supplied with floor stand/ wall mount withVESA mount capable of horizontal & vertical mount of TV. 5 star and above energy star.(MS/SS structure), In case of</p>	1				

		floor stand should be at least 5 ft.from ground					
4	Antivirus Valid for whole period of year	Preloaded Norton/McAfee/kaspersky/Trend Micro /Quick Heal/Bitdefender/Avast/AVG Licensed Version or Equipment	2				
5	Laser printer, Scanner & Copier	Multi Functional Laser Printer with facility of print, scan, copy speed 16 PPM or higher, 1200 DPI, 64 MB RAM, ISO 9001: 2000 Certification	1				
6	Internet Services for Schools	Internet dongle with speed of 512 Kbps Up to 2 Mbps Telecom Services Provider : BSNL / Other Indian Telecom Service Provide (easy to Deploy with installed OS)	1				
7	Networking Components	Non – manageable Switch, Numner of port in switch -8 Data switching speed of switch-100Mbps Cat-6 UTP cable(factory crimped)- as per requirements of the site, RJ45 connectors, information Outlets with surface mounting Box – As per requirements of the site. Laying of cable with conduit pipe- as per actual, ISO 9001: 2000 Certification	1				
8	Wall Clock	ISI mark (branded)	1				
9	Genset	5kVA single phase Silent Generator set having: 14. Type of Engine : Air Cooled (Direct Injection) 15. 2. Gross BHP : 11.5 @ 1500 RPM 16. Type & Class of Governing : Mechanical, A1 17. Aspiration: Naturally Aspirated 18. Alternator Type : Brushless, Insulation Class H 19. ISO -9001: 2000 & ISO 14001 Certification 20. B.I.S. Certification mandatory 21. Confirming to CPCB- II Norms	1				

		<p>22. Fuel to be used for DG Set must be HSD (High Speed Diesel)</p> <p>23. Minimum output rating of 5kVA operations on single phase with automatic starting with in one minute of power failure and a changeover switch. It is the responsibility of the bidder to ensure that the generator supplied to school enables continuous running of all computers and equipment including printer,fans,lights etc inside the computer room during the four hours of computer teaching.</p> <p>24. The output voltage of DG Set should vary with in the specified limits of plus or minus 10%</p> <p>25. The maximum permissible sound level shall be 75 dBA at 1 meter from the enclosure/canopy surface</p> <p>26. Protection for Frequency/ Speed Overload, Low Lube Oil Pressure,High Cylinder Temperature, Low Fuel Level, Exhaust Fan Failure, Charging Alternator/V-Belt Failure etc</p>					
10	Furniture (ISO Certified)	<p>Details about each School :</p> <p>Computer Table:13 units (ISO Certified),</p> <p>600mm x 450mm x 725mm or better with sunmica top having facility for keeping CPU, Monitor, Keyboard and Mouse (pull out tray). Monitor should be fixed with tabletop to avoid damage.</p>	43				

		Chairs: 30 PVC/ Moulded Chair without arm (ISO Certified)					
11	Site Preparation (approx 500 sq feet)	Electrical Wiring, earthing, Room lighting (including minimum 3Fans) of Havells/Crompton/Acchor make. Dust Free room With floor preparation using Vinyl flooring and painting, Mild Steel grills for door & windows.	1				
12	Integrated Group Learning Device	<u>Projection System:</u> Brightness: 2500 - ANSI Lumens (SVGA) Short Throw; Contrast Ratio: 2500:1; Lamp Life: 4000 Hrs (Economy Mode); <u>Computing System:</u> CPU: Dual Core, clock speed:1.40GHz and above, Cache: 3MB Memory: RAM:4GB;HDD:500 GB; Graphics: Integrated Graphics ; Optical Drive; DVD RW; Audio: 30 Watts audio output; Ports: 4; LAN: 1x Gbps, Windows 8	1				
13	UPS for Desktop PCs & access devices Integrated Group Learning Device and printer with required battery backup for 5 years.	1KVA, battery12V/7Ah x 2, Line Interactive UPS for single phase AC 145-280VAC input. ISO 9001:2000 certified. Separate cabling (with capping casing) to be done for each Desktop/Access Device/IGLD for the 2 UPS and one for LCD TV Bidder to ensure all IT equipment in lab is running on UPS in case of power failure.	3				
14	Voltage Stabilizer	3.0 KVA Stabilizer. Input Range (110V-280V) single phase. ISO 9001: 2000 Certification	1				
15	Software (OS)	Microsoft Windows Multipoint Server 2012 (National Academic) including CAL (4+5)	2 CAL(4+5)				
16	Software (Office Suite)	MS Office 2013 (National Academy)/(Under PIL)	11				
17	E-Content in	E-Content in Maths, Science ,Social Science, English & Hindi	1				

	Maths, Science, Social Science, English & Hindi						
18	Teachers Training	Ten(10) Teachers per school	1				
19	Sub Total of Sr. no. From 1 to 18 (in figures)						
	Sub Total of Sr. no. From 1 to 18 (in words)						

The price quoted in the row 19 shall be inclusive of Cost, insurances, freight, VAT, CST & all kind Of applicable taxes including the maintenance cost for 5 (Five)years

Education Services (Manpower ,consumable items for 60 Months)

S. No.	Item	No of District /Schools/Zone	Price per school/District/Zone (For period of 60 Months)	Total Price (No. of Schools/District * Price)	
				In Figure	In Words
20	Manpower				
(a)	One School Coordinator per school (For 60 months)	277			
(b)	One District Coordinator per District (For 60 months)	38			
(c)	One Project manager per Zone (For 60 months)	1			
21	Computer education consumable				
(a)	2000 sheets of A4 size paper (Min 70 GSM) Per Year Per School	277			
(b)	1 new cartridge and 2 refills per year per Lab per school for multifunctional printer	277			
(c)	50 Blank CDs(Rewritable) per year Per school	277			

22	Genset consumable			
(a)	For running of the Genset for four Hours per working day per school (For 60 months)	277		
23	Sub Total of Sr. No. 20,21 & 22 (in figures)			
	Sub Total of Sr. No. 20,21 & 22 (in words)			
Total prices quoted in the row 23 shall be inclusive of all kind of applicable taxes.				
24	Grand Total (sum of Row no.19 & 23) (in figures)			
	Grand Total (sum of Row no.19 & 23) (in words)			
The final cost quoted in the row 24 will be consider for commercial evaluation.				

Annexure II: AGREEMENT

1. An agreement made this xxth day of **Month 2015** between "....." (hereinafter called "**The agency**", which expression shall, where the context so admits, be deemed to include his heirs successors, executors and administrators) of the one part and the **BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION Ltd. (An undertaking of Govt. of Bihar) Shiksha Bhawan, Bihar Rashtrabhasha Parishad Campus, Acharaya Shivpujan Sahai Path, Saidpur, Patna-800004, Bihar** (hereinafter called "**the BSEIDC**" which expression shall, where the context so admits, be deemed to include his successors in office and assigns) of the other part.
2. Whereas the Agency has agreed with the BSEIDC, to impart Computer Education and Information & Communication Technology in Government Senior Secondary Schools of **Zone III(Phase 2) / Zone I(Phase 3)** (as defined in the **RFP No. 22/2015-16 dated 06-08-2015** hereinafter called the "the tender document") of Bihar in the manner set forth in the terms & conditions of the tender document and at the price set forth in the Letter of Intent number xxxxxxxx **dated xxxxxxxxxxxx** hereinafter called **the LOI**.
3. And whereas the successful tenderer has deposited a sum of **Rs.** through the Bank Guarantee No.dated.....
4. Now these Presents witness:
 - i. In lieu of imparting Computer Education and Information & Communication Technology in schools set forth in effective way and thereof in the manner set forth in the conditions of the tender document and the LOI , the BSEIDC will make payment to the agency through Demand Draft/Cheque/RTGS transfer at the rate set forth in the final Price Schedule appended herewith.
The payment schedule will be according to the tender document.
 - i. The conditions of the tender and contract given in the tender document and LOI will be deemed to be taken as part of this agreement and are binding on the agency executing this agreement.

- i. The mode of payment will be as per terms and conditions of the tender document. The BSEIDC, will make payment to the agency. The Financial Liability and obligation will be the part of the BSEIDC for the payments.
5. The Installation of Computer Labs and Provision of Services under the tender document and LOI shall be completed as per the tender document.
6. Liquidated damages/penalty and termination due to non-fulfillment of contract and other, if any, shall be as per terms and conditions of the above referred tender document.
7. The following documents shall be deemed to form and be read and as part of this agreement, viz:
 - (a) The tender document (**RFP No. 22/2015-16 dated 06-08-2015**) and the **further amendments** with every terms & conditions, technical specifications performance security form etc.
 - (b) The final price schedule based on the negotiation on the original price schedule submitted by the agency. (Form 17)
 - (c) The list of the make & model (as finalized by the agency and accepted by the BSEIDC) of the materials in accordance with the specifications given in the tender document and further amendments. (Form 4)

However in case of any contradictions regarding the terms & conditions and specifications etc the tender document and its further amendments will prevail while all questions relating to interpretation of the tender document or this agreement shall be decided by the BSEIDC.
8. The BSEIDC and the agency shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract. If, after thirty (30) days from the commencement of such informal negotiations., the BSEIDC and the agency have been unable to amicably resolve dispute, either party may require that the dispute be referred for resolution to the formal mechanisms, which may include, but are not restricted to, conciliation

mediated by a third party acceptable to both, or in accordance with the Bihar State Arbitral and Conciliation Tribunal Act. All Arbitration proceedings shall be held at Patna, Bihar and the language of the arbitration proceedings and that of all documents and communications between the parties shall be in English.

9. The validity of this agreement will be for five years from the date of signing the agreement.

In witness whereof, the parties, hereto have set their hands on this xx **day** of Month **2015** .

SIGNATURE OF THE AGENCY

SIGNATURE FOR THE **BSEIDC**

WITNESS No. 1

WITNESS No. 1

WITNESS No. 2

WITNESS No. 2