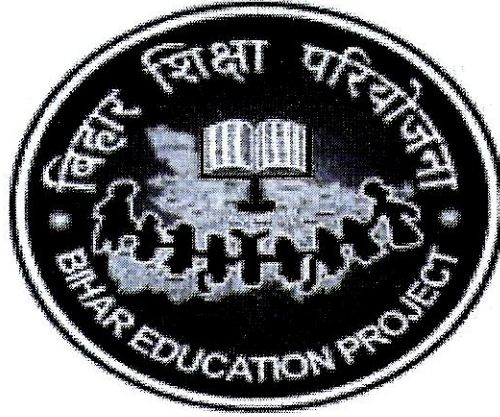


RFP Reference No. BEPC/ICT-SC/2023-24/.....7318....., Dated 18.11.2023



**Request for Proposal (RFP)**

For

**Selection of Agency for digitization in the schools of Bihar State**

Bihar Education Project Council  
2nd/3rd Floor, Shiksha Bhawan,  
Bihar Rashtrabhasha Parishad Campus,  
Saidpur, Patna - 800 004 (Bihar),

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## DISCLAIMER

1. While this Request for Proposal document ("RFP") has been prepared in good faith, neither Bihar Education Project Council (BEPC), GoB nor its employees or advisors make any representation or warranty, express or implied, or accept any responsibility or liability, whatsoever, in respect of any statements or omissions herein, or the accuracy, completeness or reliability of Information, and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this RFP, even if any loss or damage is caused by any act or omission on their part.
2. This document is not transferable, and this RFP does not purport to contain all the information that each Bidder may require and accordingly is not intended to form the basis of any investment decision or any other decision to participate in the bidding process for the selection of the Successful Bidder for this Project. Each Bidder should conduct their own investigations and analysis and check the accuracy, reliability, and completeness of the information in this document and obtain independent advice from appropriate sources
3. Though adequate care has been taken while preparing this Bid Document, the Bidder shall satisfy themselves that the document is complete in all respects. Intimation of any discrepancy shall be given to this office immediately.
4. BEPC, GoB may modify, amend, reject or supplement this RFP document in accordance with norms and procedures and as per the requirement of the project. BEPC, GoB reserves the right to waive any irregularity in the proposal (RFP) and the BEPC, GoB makes it clear that the RFP is not an offer/ Agreement.
5. Neither the BEPC, GoB nor its employees shall be liable to any Bidder or any other person under any law including the law of Agreement, tort, the principles of restitution or unjust enrichment or otherwise for any loss, expense or damage which may arise, or be incurred, or suffered, in connection with this RFP document, or any matter that may be deemed to form part of this RFP document, or the award of the Agreement, or any other information supplied by the BEPC, GoB or their employees or consultants or otherwise arising in any way from the selection process for the award of the Agreement for the Project.
6. BEPC, GoB is not bound to accept any or all the Proposals. BEPC, GoB reserves the right to reject any or all the Proposals without assigning any reasons. No Bidder shall have any cause for action or claim against the BEPC, GoB or its officers, employees, successors, or assignees for rejection of their bid. The RFP submitted by the bidder will be the property of the BEPC, GoB.



## Glossary

Abbreviation/ Terms	Details
<b>Authorized Signatory</b>	The bidder's representative / officer vested (explicitly, implicitly, or through conduct) with the powers to commit the authorizing organization to a binding agreement. Also called signing officer/ authority having the Power of Attorney (PoA) from the competent authority of the respective Bidding firm.
<b>BEPC</b>	Bihar Education Project Council (BEPC),
<b>Bid</b>	A formal offer made in pursuance of an invitation by a procuring entity and includes any tender, proposal or quotation in electronic format
<b>Bid Security/ Earnest Money Deposit (EMD)</b>	A security provided to the procuring entity by a bidder for securing the fulfilment of any obligation in terms of the provisions of the bidding documents.
<b>Bidder</b>	Any person/ firm/ agency/ company/ contractor/ vendor participating in the bidding process with the procurement entity
<b>Bidding Document</b>	Documents issued by the procuring entity, including any amendments thereto, that set out the terms and conditions of the given procurement and includes the invitation to bid
<b>Competent Authority</b>	An authority or officer to whom the relevant administrative or financial powers have been delegated for taking decision in a matter relating to procurement. Joint Secretary, Department of Education, GoB shall be the Competent Authority in this bidding document.
<b>Contract</b>	"Contract" means a legally enforceable agreement entered into between the Procuring entity and the selected bidder(s) with mutual obligations.
<b>LD</b>	Liquidated Damages
<b>Lol</b>	Letter of Intent
<b>PAN</b>	Permanent Account Number
<b>PQ</b>	Pre-Qualification
<b>Procurement Process</b>	The process of procurement extending from the issue of invitation to Bid till the award of the procurement contract or cancellation of the procurement process, as the case may be
<b>Purchaser/ Tendering Authority/ Procuring Entity</b>	Person or entity that is a recipient of a goods or service provided by a seller (bidder) under a purchase order or contract of sale, also called buyer. BEPC, GoB in this BID document.
<b>Services</b>	Any subject matter of procurement other than goods or works and includes physical, maintenance, professional, intellectual, consultancy and advisory services or any service classified or declared as such by a procuring entity



<b>Service Level Agreement (SLA)</b>	Service Level Agreement is a negotiated agreement between two parties wherein one is the customer and the other is the service provider. It is a service contract where the level of service is formally defined. In practice, the term SLA is sometimes used to refer to the contracted delivery time (of the service) or performance.
<b>State Government</b>	Government of Bihar (GoB)
<b>GST</b>	Goods and Service Tax
<b>WO/ PO</b>	Work Order/ Purchase Order



## Schedule of Bid Process

SL#	Information	Details
1.	RFP Issuing Authority	State Project Director, Bihar Education Project Council (BEPC)
2.	RFP No. and Date of availability	BEPC/ICT-SC/2023-24/..... <u>7318</u> ....., Dated 18.11.2023 Available for download from 22/11/ 2023, 5:00 PM onwards till 16/12/2023, 4:00 PM on e-proc-2 website
3.	Last date for submission of written queries for clarifications	27/11/2023, 5:00 pm Email: <a href="mailto:ssabihar@gmail.com">ssabihar@gmail.com</a>
4.	Date of pre-bid conference	28/11/ 2023, 3:30 pm at Virtual Mode: Link for Pre-Bid conference <a href="https://us02web.zoom.us/j/81546272058?pwd=SlIzRzhiVHVCVTg4NFQ5MTZMMWY5UT09">https://us02web.zoom.us/j/81546272058?pwd=SlIzRzhiVHVCVTg4NFQ5MTZMMWY5UT09</a> Meeting ID: 815 4627 2058 Passcode: abc123  e-mail: <a href="mailto:ssabihar@gmail.com">ssabihar@gmail.com</a>
5.	Release of response to clarifications	30/11/2023, 5:00 PM
6.	Last date of submission of bid	16/12/2023, 4:00 PM
7.	Last date of submission of Hard Copy of BG/DD etc	16/12/2023, 4:00 PM
8.	Opening of Technical Bids	16/12/2023, 4:30 PM
9.	Opening of Financial Bids	To be intimated
10.	Contact person for queries	The State Project Director, Bihar Education Project Council, Shiksha Bhawan, Bihar Rashtrabhasha Parishad Campus, Saidpur - 800 004. e-mail : <a href="mailto:ssabihar@gmail.com">ssabihar@gmail.com</a>

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## 1. REQUEST FOR PROPOSAL

State Project Director, Bihar Education Project Council, Patna invites Bid on behalf of Bihar Education Project Council (BEPC) from eligible agencies. The bids comprising mandatory compliance along with technical bids and price bids shall be submitted on eproc-2 webiste. The Scope of Services forming part of the Assignment has been set out hereunder in this document. The Proposals would be evaluated on the basis of the evaluation criteria set out in this RFP ("Evaluation Criteria") to identify the successful Bidder for the Assignment ("Successful Bidder").

### 1.1 Structure of the RFP

BEPC, GoB intends to follow a 'two stage' bid process for selection of the successful agency under LCS (Least Cost Based Selection Method)', as outlined in this RFP.

The Bidders would need to submit Pre-Qualification, Technical and Financial Proposal in the prescribed formats, within the Proposal Due Date as prescribed under the "Fact Sheet" of this RFP. BEPC, GoB would evaluate all the Submissions in accordance with the evaluation criteria set out in the RFP to select a qualified bidder.

### 1.2 Obtainability of RFP Document

RFP document can be downloaded from the website [www.eproc2.bihar.gov.in](http://www.eproc2.bihar.gov.in) after paying tender fee of Rs. 5000/-and processing fee of Rs. 590 /. The fees will have to be paid through online on the above-mentioned website. Proposals received without or with inadequate RFP Document fees shall be rejected.

## 2. BACKGROUND INFORMATION

Bihar Education Project Council (BEPC) is an autonomous body of Education Department, Govt. of Bihar.

Bihar Education Project Council has now been entrusted to implement Samagra Shiksha, a holistic school education programme in the backdrop of National education Policy, 2020 after the successful implementation of BEP, DPEP III, Sarva Shiksha Abhiya along with NPEGEL.

The Selected Agency will have to supply and implement various solutions as given in Annexure-I

## 3. INSTRUCTIONS TO BIDDERS

### 3.1 SUBMISSION PROCEDURE

- a) The bidders should submit their responses as per the format given in this RFP in the following manner: Technical Proposal and Commercial Proposal
- b) Please Note that prices should not be indicated in the Technical Proposal but should only be indicated in the Commercial Proposal.
- c) All the pages of the proposal must be sequentially numbered and must contain the list of contents with page numbers. Any deficiency in the documentation may result in the rejection of the Bid.
- d) The bids shall be uploaded through <http://eproc2.bihr.gov.in> as per the instructions

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available on the website

### 3.2 NUMBER OF PROPOSALS

Each Bidder must submit only one (1) Proposal, in response to this RFP. Any Bidder who submits or participates in more than one Proposal shall be disqualified.

### 3.3 PROPOSAL PREPARATION COST

- 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 the BEPC to facilitate the evaluation process, and in negotiating a definitive contract or all such activities related to the bid process.
- b) The BEPC will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

### 3.4 RIGHT TO ACCEPT OR REJECT

- I. The BEPC, GoB may reject a proposal at any stage if it is found that the firm recommended for award has indulged in corrupt or fraudulent activities in competing for the contract in question, and may also declare a firm ineligible or blacklist the firm, either indefinitely or for a stated period of time, if at any time it is found that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.
- II. Notwithstanding anything contained in this RFP, the BEPC, GoB reserves the right to accept or reject any Proposal and to annul the bidding process and reject all Proposals at any time, without any liability or any obligation for such acceptance, rejection or annulment, without assigning any reasons.
- III. BEPC GoB reserves the right to reject any Proposal if, at any time, a material misrepresentation made by a Bidder at any stage of the bidding process is discovered.

### 3.5 CLARIFICATIONS

A prospective Bidder requiring any clarification on the RFP must notify the BEPC, GoB in writing to The State Project Director, Bihar Education Project Council, GoB within such date as specified in RFP Time Schedule. At its sole discretion, BEPC, GoB will upload its response to such queries on the website <https://www.bepcssa.in> [www.eproc2.bihar.gov.in](http://www.eproc2.bihar.gov.in). Bidders requiring specific points of clarification may communicate with the BEPC, GoB during the specific period using the following format. The queries can be submitted by email at [ssabihar@gmail.com](mailto:ssabihar@gmail.com) with name of assignment as the subject, in the following format:

Bidders Request for Clarification		
Name of Organization submitting request	Name and Position of person submitting request	Details of person and organization

		Address: Tel: E-mail: Mobile:		
S. No	Bidding Document Reference (Number//Page)	Content of RFP requiring Clarification	Points of Clarification Required	Suggestions (If Any)
1				
2				

### 3.6 AMENDMENTS TO RFP

- i. At any time prior to the Proposal Due Date, as indicated in the RFP Time Schedule, BEPC, GoB may, for any reason, whether at its own initiative or in response to clarifications requested by a bidder, amend the RFP by the issuance of Addenda. Such Addenda would be posted on the website <https://www.bepcssa.in> / [www.eproc2.bihar.gov.in](http://www.eproc2.bihar.gov.in) In order to afford Bidders reasonable time to take the Addendum into account, or for any other reason, BEPC, GoB may, at its discretion, extend the Proposal Due Date.

### 3.7 LANGUAGE AND CURRENCY

The Proposal and all related correspondence and documents must be written in English language. Supporting documents and printed literature furnished by the Bidder with the Proposal may be in any other language if they are accompanied by an appropriate translation in English language. Supporting materials that are not translated into English shall not be considered. For the purpose of interpretation and evaluation of the Proposal, the English language translation shall prevail. The currency for this bid is Indian Rupee. All the quotes should be in Indian Rupees only.

### 3.8 VALIDITY OF PROPOSAL

- i. The Proposal must be valid for a period not less than 90 days from the Proposal Due Date ("Proposal Validity Period"). BEPC, GoB reserves the right to reject any Proposal that does not meet this requirement.
- ii. Prior to expiry of the Proposal Validity Period, BEPC, GoB may request the Bidders to extend the period of validity for a specified additional period.
- iii. The Successful Bidder shall, where required, extend the validity of the Proposal till the date of execution of the Agreement.

### 3.9 BID SECURITY

- i. Bidders shall submit, along with their Bids, EMD of INR 600 Lakhs (Six Hundred lakhs only) in the form of Bank Guarantee issued by any Scheduled bank. (Bank Details : STATE PROJECT DIRECTOR - BEPC, AC NO. 245001000002776, IFSC CODE - IOBA0002450)
- ii. The bid / proposal submitted without EMD, mentioned above, will be summarily rejected.
- iii. Micro, small and start up agencies registered for doing similar work are exempted from the payment of EMD, as per Government policy, subject to submission of valid registration

certificate with the bid.

- iv. The Bid Security shall be returned to the unsuccessful Bidders within a period of two (2) weeks from the date of signing of Agreement between the Department of Education, GoB and the Successful Bidder.
- v. The bid security of the successful bidder will be returned to the successful bidder on the submission of the Performance Security as specified in the RFP document.
- vi. The Bid Security shall be forfeited in the following cases:
  - a. If the Bidder withdraws its Proposal;
  - b. If the Bidder withdraws its Proposal during the interval between the Proposal Due Date and expiration of the Proposal Validity Period; and
  - c. If any information or document furnished by the Bidder turns out to be misleading or untrue in any material respect.
  - d. If the bidder, after the award of work order, fails to submit the performance security within the stipulated time.

### 3.10 BIDDER'S RESPONSIBILITY

- i. The Bidder is expected to examine carefully the contents of all the documents provided. Failure to comply with the requirements of RFP shall be at the Bidder's own risk.
- ii. It shall be deemed that prior to the submission of Proposal, the Bidder has:
  - Made a complete and careful examination of terms & conditions/ requirements, and other information set forth in this RFP document.
  - Received all such relevant information as it has requested from the BEPC, GoB; and
  - Made a complete and careful examination of the various aspects of the Assignment.
- iii. BEPC, GoB shall not be liable for any mistake or error or neglect by the Bidder in respect of the above.
- iv. All taxes payable to government must be paid by the service provider as per applicable norms and procedure. BEPC, GoB is nowhere liable and responsible for payment of such taxes. Only GST payment will be made by BEPC, GoB as per applicable rates on the fee quoted by the agency.

### 3.11 CORRESPONDENCE/ ENQUIRY

All correspondence/enquiries must be submitted to the following in writing by email/ fax/ registered post with **name of assignment** as the subject. The details are:

**The State Project Director,  
Bihar Education Project Council,  
Shiksha Bhawan,  
Bihar Rashtrabhasha Parishad Campus,  
Saidpur - 800 004.  
e-mail : [ssabihar@gmail.com](mailto:ssabihar@gmail.com)**

### 3.12 FORMAT AND SIGNING OF PROPOSAL

- i. Bidders must provide all the information as per this RFP and in the specified format. BEPC,

GoB reserves the right to reject any Proposal that is not in the specified format.

- ii. The Proposal must include submissions to be made on the respective Proposal Due Date as set out in RFP Time Schedule.
- iii. The person(s) signing the Proposal must initial all the alterations, omissions, additions, or any other amendments made to the Proposal.

### 3.13 MODIFICATION/SUBSTITUTION/WITHDRAWAL OF PROPOSAL

- i. The Bidder may modify, substitute, or withdraw its Proposal after submission, provided that a written notice of the modification, substitution or withdrawal is received by BEPC, GoB **before the Proposal Due Date**. No Proposal shall be modified, substituted, or withdrawn by the Bidder after the Proposal Due Date.
- ii. The modification, substitution or withdrawal notice shall be prepared, sealed, marked and delivered in accordance with outer envelopes additionally marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL", as appropriate.
- iii. Withdrawal of a Proposal during the interval between the Proposal Due Date and expiration of the Proposal Validity Period will result in **forfeiture of the Bid Security** in accordance with this RFP.

### 3.14 PROPOSAL DUE DATE

- i. Proposals must be submitted as per information provided in this RFP.
- ii. BEPC, GoB at its sole discretion; accept any Proposal(s) after Proposal Due Date. Any such Proposal/s accepted shall be deemed to have been received by the Proposal Due Date.

### 3.15 TEST OF RESPONSIVENESS

Initial Bid scrutiny will be held and incomplete details as given below will be treated as non-responsive, if Proposals:

- a) Are not submitted in as specified in the RFP document
  - b) Are found with suppression of details
  - c) With incomplete information, subjective, conditional offers and partial offers submitted
  - d) Submitted without the documents requested in the checklist
  - e) Have non-compliance of any of the clauses stipulated in the RFP
  - f) With lesser validity period
- i. All responsive Bids will be considered for further processing. The BEPC 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.
  - ii. BEPC, GoB reserves the right to seek clarification or reject any Proposal which in its opinion is

non-responsive and no request for modification or withdrawal shall be entertained by Department of Education, GoB in respect of such Proposal.

### **3.16 CONFIDENTIALITY**

Information relating to the examination, clarification, evaluation and recommendation for the Qualified Bidders shall not be disclosed to any person not officially concerned with the process. The BEPC, GoB will treat all information submitted as part of the Proposal in confidence and will ensure that all those who have access to such material to treat it in confidence. BEPC shall not divulge any such information unless ordered to do so by any statutory authority that has the power under law to require its disclosure.

### **3.17 CLARIFICATIONS**

To assist in the process of evaluation of Proposals, BEPC, GoB may, at its sole discretion, ask any Bidder for clarification on its Proposal or substantiation of any of the submission made by the Bidder.

### **3.18 PROPOSAL EVALUATION**

The Qualification Submissions of the Bidders would be checked for responsiveness with the requirements of the RFP and shall be evaluated as per the Criteria set out in this RFP

### **3.19 DECLARATION OF SUCCESSFUL BIDDER**

- i. Upon acceptance of the Proposal of the tenderer technically qualified with LCS (Least Cost Based Selection) criteria, BEPC, GoB shall declare the tenderers as the successful bidders for the selection.

### **3.20 NOTIFICATIONS**

BEPC, GoB will notify the Successful Bidder by a Letter of Award (LoA) that their Proposal has been accepted.

### **3.21 BIHAR EDUCATION PROJECT COUNCIL, GOB'S RIGHT TO ACCEPT OR REJECT PROPOSAL**

- i. BEPC, GoB reserves the right to accept or reject any or all the Proposals without assigning any reason and to take any measure as it may deem fit, including annulment of the bidding process, without liability or any obligation for such acceptance, rejection or annulment.
- ii. BEPC, GoB reserves the right to invite revised Proposals from Bidders with or without amendment of the RFP at any stage, without liability or any obligation for such invitation and without assigning any reason.
- iii. BEPC, GoB reserves the right to reject any Proposal if at any time:
  - a. A material misrepresentation made at any stage in the bidding process is uncovered; or
  - b. The Bidder does not respond promptly and thoroughly to requests for supplemental information required for the evaluation of the Proposal.



This would lead to the disqualification of the Bidder. If such disqualification / rejection occurs after the Proposals have been opened and the Successful Bidder gets disqualified/ rejected, then BEPC, GoB reserves the right to:

- a. Take any such measure as may be deemed fit in the sole discretion of BEPC, GoB, including annulment of the bidding process.

### 3.22 PERFORMANCE BANK GUARANTEE (PBG)

- a. The successful bidder must furnish an unconditional and irrevocable bank guarantee / demand draft, in a format acceptable to BEPC, GoB valid for the contract term, of a value equivalent to **5% of the contract value within 07 days of award of Letter of Intent (LOI)**.
- b. Failure to submit the PBG within the time stipulated in the LOI may lead to cancellation/ withdrawal of LOI and, in such case, BEPC, GoB reserves the right to declare the L 2 bidder as the successful tenderer and proceed with the contractual process or take any such measure as may be deemed fit by Department of Education, GoB, including annulment of the bidding process.

## 4. CRITERIA FOR EVALUATION

The evaluation would consist of following :

- **Technical evaluation:** The Bidder shall be examined prima facie to substantiate the compliance with the Bidder's eligibility criteria as set out for this project in terms of organizational, financial and technical experience etc. The bid will be rejected, in case it does not meet the Eligibility criteria.
- Proposal may be rejected at any stage of the evaluation if it is found that the company has provided misleading information or has been black listed by a central or any state government or has indulged in any malpractice/ unethical practice and has not honored contractual obligation elsewhere;
- After the technical evaluation is completed and approved, BEPC shall inform the Bidders who have submitted proposals, the detailed compliance of their Technical Proposals, and shall notify those Bidders whose Proposals did not meet the minimum technical criterion or were considered non-responsive to the RFP, that their Financial Proposals will be returned unopened after completing the evaluation process. BEPC shall simultaneously notify in writing to the Bidders that have complied with the Technical Criterion specified in the RFP the date, time and location for opening the Financial Proposals.
- Please note that no conditional bid will be entertained

### 4.1 PRE-QUALIFICATION CRITERIA

Following table describe the pre-qualification criteria. A bidder participating in the bidding process shall possess the following minimum pre-qualification/ eligibility criteria. Any bidder failing to meet the stated criteria shall be summarily rejected and will not be considered for Technical Evaluation.



Sl. No.	Conditions	Documents to be submitted
1	<p>The Bidder should be a Company registered under Indian Companies Act 1956/2013 and should be in existence from last 10 years.</p> <p>The Bidder should have the following Registrations:</p> <p>PAN Number GST Registration</p>	<p>a) Certificate of Incorporation/Proprietorship Certificate/Partnership Certificate/LLP 2008 certificate</p> <p>b) GST certificate</p> <p>c) Copy of PAN</p>
2	<p>The bidder should have Average annual turnover of minimum INR 400 crores or more in the last three Financial years. i.e. 2020-21, 2021-22 and 2022-23</p>	<p>d) Audited Financial Statements of last three financial years</p>
3	<p>The net worth of the bidder in the last three financial years, (as per the last published audited balance sheet) should be positive. The bidder should be profitable and should not be in loss in last three years (as per the last published audited balance sheet) i.e. 2020-21, 2021-22 and 2022-23.</p>	<p>Copy of Balance Sheet and CA Certificate</p>
4	<p>The bidder must have successfully undertaken at least the following numbers of Similar assignments of value specified herein :-</p> <p>One project not less than the amount of ₹240,00,00,000/- (Rupees Two Hundred Forty Crores Only)</p> <p>OR</p> <p>Two projects not less than the amount of Rs. ₹ 160,00,00,000/- (Rupees One Hundred Sixty Crores Only)</p> <p>OR</p> <p>Three projects not less than the amount of Rs. ₹ 100,00,00,000/- (Rupees One Hundred Crores Only)</p> <p>Similar Experience assignments defined as: Supply and Maintenance of IT/ICT Projects in State or Central Government in last five years as on 31.03.2023.</p>	<p>Work Order and Completion Certificate</p>
5	<p>The Bidder must have a valid certificate:</p> <p>ISO 9001</p>	<p>Copy of Valid certificates in the name of Bidder</p>

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6	The Bidder must not have been blacklisted for fraudulent practices by any of its clients, Central Government / State Government / UT Government / Government Undertakings / University / Educational Institutions / Government Bodies / PSUs in India, as on the Date of submission of the bid.	Self-Declaration (Refer Annexure -4)
7	Authorization for bidder confirming that the products quoted are not end of life products. Undertake that the support including spares, patches for the quoted products shall be available for next 5 years.	Certificate (in Original) from OEM mentioning and confirming the details as asked.
	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 enough personnel and inventory of spares within a month of selection as Successful Bidder.	Copy of self-attested Electricity Bill, Tax Bill or copy of the Agreement/Lease Deed to be attached.  In case bidder has no presence in Bihar, bidder shall furnish an undertaking that an office shall be opened in Bihar, with enough personnel and inventory of spares within a month of selection as Successful Bidder.
	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 Annexure-FORM	The Bidder should provide Letter of Authorization (In original) as per template provided.
	The bidder/OEM will provide a signed undertaking from the competent authority not lower than the Company Secretary of the system OEM that would certify that all the components / parts / assembly / software used in the hardware supplied were original / new components / parts / assembly / software, and that no refurbished / duplicate / secondhand components /parts / assembly/ software were being used or would be used.	Undertaking from OEM mentioning and confirming the details as asked.
7	Consortium & Sub-Contracting are not allowed under this assignment	

#### 4.2 TECHNICAL EVALUATION CRITERIA

Only those bidders who qualify in Pre-Qualification as per above will be considered for Technical Evaluation. During the process of evaluation of the Technical Proposals, the Tender Committee may seek additional information and clarifications from any or all the bidders. This clarification will be sought through email communications/request a personal visit of the authorized representatives of the bidder. The bidder is expected to provide the clarifications or additional information within the stipulated time as indicated in the communication. If the bidder fails to provide the clarification or additional information, the information provided in the technical

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proposal only will be used for evaluation. Only the bidders, who score a Technical score of more than 75 Marks will qualify for the evaluation in the commercial bid.

The technical bid will be evaluated on the below mentioned criteria:

Sl. No.	Description	Evaluation Criteria	Criteria wise Marks	Maximum Marks
1	The bidder should have average annual turnover in last 3 financial years 2020-21, 2021-22 and 2022-23)	More than ₹ 400 Cr. More than ₹600 Cr	10 20	20
2	The bidder should have Experience in Supply and implementation of IT/ ICT projects- single PO of value not less than 200 Cr in Government Schools/Institution under State Government/ Central Government/ PSU in last five years as on 31.03.2023.	1 Project 2 Projects 3 Projects and above	5 10 20	20
3	The bidder should have Experience in Implementation/ Development/ Maintenance of Projects with Monitoring application/MIS in Government Schools/Institutions under State Government/ Central Government/ PSU in last five years as on 31.03.2023.	01 project 02 projects 03 projects and above	5 10 20	20
6	Technical Presentation			40
	a) ICT Labs <ul style="list-style-type: none"> <li>▪ Proposed Mechanism , Work -plan and Methodology</li> <li>▪ Technical Compliance</li> <li>▪ Project monitoring</li> </ul>		20	
	b) Smart Classroom <ul style="list-style-type: none"> <li>• Proposed Mechanism , Work -plan and Methodology</li> <li>• Technical Compliance</li> <li>• Project Monitoring</li> <li>• Demo of the proposed Smart Classroom with associated software</li> </ul>		20	
<b>Total</b>				<b>100</b>

**Note: -**

- Consortium Purchase Order will not be considered for evaluation.
- To qualify the technical evaluation stage, the bidder must score a minimum of 75 marks.

**Financial Bid Evaluation**

- Only the bidders, who score a total technical score of 75 (Seventy Five) or more, will qualify for the evaluation of their commercial bids.
- Lowest Cost Based Selection(L1) method shall be used to select the bidder.
- Evaluation will be done package wise and L1 bidder will be declared package wise.
- BEPC reserves the right to split the order.
- The rates quoted should be valid for one year.
- The Financial bids of technically qualified bidders will be opened on the prescribed date
- The bid price will include all taxes and levies and shall be in Indian Rupees.
- Any conditional bid would be rejected.
- Errors & Rectification: 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 there is a discrepancy between words and figures, the amount in words will prevail".
- If there is no price quoted for certain material or service, the bid shall be declared as disqualified.
- The Total Bid Price, as computed by the Purchaser shall be used for the purpose of commercial evaluation of bids.

**AWARD OF CONTRACT**

- a. The Authority will award the Contract to the Bidder whose bid has been determined to be substantially responsive and has been determined as the best bid on the basis of LCS evaluation.
- b. The Authority shall however not bind itself to accept the best bid or any bid and reserves the right to accept any bid, wholly or in part.
- c. BEPC, GoB shall notify the successful bidder in writing that the proposal has been accepted.
- d. An agreement shall be signed between BEPC, GoB and the selected bidder's laying down the conditions of work, payment etc.
- e. Letter of Intent award and its acceptance by the selected bidder shall constitute a legal binding between BEPC, GoB and the selected bidder till such time the contract agreement is signed.
- f. The EMD of unsuccessful candidate will be returned within 15 days of selection of the Agency.



**4.3 GENERAL EVALUATION ELABORATION**

- An evaluation committee so constituted by the BEPC will evaluate the bids as per the following pattern:
- 1 Conditional bids shall be summarily rejected.
  - 2 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.
  - 3 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.
  - 4 The Tenderer is expected to submit all documents along with General Bid for General Evaluation, in case document is not provided or provided but not a valid document, then the same parameter shall not be considered for marking for the specific Bidder. It is the Bidder's responsibility that all documents pertaining to every parameter of "General Evaluation Elaboration" needs to be submitted and tagged/referenced to the evaluation parameter.
  - 5 The Tenderer may conduct clarification meetings with each or any bidder to discuss any matters, technical or otherwise.
  - 6 Further, the scope of the evaluation committee also covers taking of any decision with regard to the RFP, execution/ implementation of the project including management period.

**5. SCOPE OF WORK**

The Scope of Work for the agency is not limited but would include the following:

- I. The rates shall be on F.O.R to the respective designated location/Schools. List of Schools shall be provided to the successful bidder along with the work order.
- II. The rate contract will be initially for a period of one year and extendable for a further period of one more year under mutual agreement at the same terms and conditions subject to satisfactory performance of the agencies.
- III. Consolidated Unit Price shall be quoted in BOQ chart for each package with all the items as indicated in the technical bid with specifications.
- IV. Below items will form the part of Scope. Detailed specifications are followed in Annexure 1.

Package	Product
1	ICT Lab A. ICT Lab ( Non – Recurring) B. ICT Lab ( Recurring)

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2	Smart Classrooms A. Smart Classroom ( Non – Recurring) B. Smart Classroom ( Recurring)
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- V. Prices shall be firm until the completion of work or supply and no enhancements of rates will be done / is permitted because of any escalation during the period of rate contract.
- VI. BEPC, GoB reserves the right to accept or reject any or part of offers without assigning any reasons.
- VII. The supply should be done within 90 days whereas installation and training of the equipment should be done within 120 days from the date of issuance of Lol/Purchase Order. In case of any delay in delivery, penalty will be charged as prescribed in RFP.
- VIII. Delivery time may be extended in case of any unforeseen circumstances.
- IX. The quantity of items can be increased or decreased as per our requirements.
- X. The supply of equipment needs to be done at the designated location/schools.
- XI. The supply of equipment shall be carried out strictly in accordance with the terms & conditions and specifications as stipulated in the tender, in the approved workman like manner and as per standard practice.

1) **PROJECT DURATION**

The project period will be **60 months** starting from the Actual Date of Work Started / Agreement.

**Non- Recurring payment**

2) **PAYMENT SCHEDULE AND PENALTY (Non Recurring)**

S. No.	Package	Payment Terms
1	ICT Lab	80% on delivery; 20% on installation and commissioning on pro rata basis on every supply and installation of minimum 500 units resp.
2	Smart Classroom	80% on delivery; 20% on installation delivery on pro rata basis on every supply and installation of minimum 500 units resp.

**Payment will be released after the satisfactory receipt of material at the designated locations and certification by the concerned co-ordinator at BEPC.** If the selected bidder fails to perform services within the stipulated time schedule, the BEPC shall, without prejudice to its other remedies under the contract, deduct from the contract price, as liquated damages, a sum equivalent to 0.25% per week of the undelivered items.

*(Handwritten signature)*

Note:

1. Payment will be as per GFR.
2. All payment to the Agency will be made in Indian Rupees.
3. GST component shall be paid as applicable and as per actuals.
4. For facilitating Electronic Transfer of funds, the selected Agency will be required to indicate the name of the Bank & Branch, account no. (i.e. bank name, IFSC Code and Bank A/c No.) and forward a cheque leaf duly cancelled, to verify the details furnished. These details should also be furnished on the body of every bill submitted for payments by the selected Agency.

## 6. Dispute Resolution

- a) The bids and any contract resulting there from shall be governed by and construed according to the Indian Laws.
- b) All settlement of disputes or differences whatsoever, arising between the parties out of or in connection to the construction, meaning and operation or effect of this Offer or in the discharge of any obligation arising under this Offer (whether during the course of execution of the order or after completion and whether before or after termination, abandonment or breach of the Agreement) shall be resolved amicably between Department and the vendor's representative.
- c) In case of failure to resolve the disputes and differences amicably within 30 days of the receipt of notice by the other party, then the same shall be resolved as follows:
  - I. Conciliation: - All disputes or differences whatsoever arising between the parties out of or relating to the construction, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be first settled by way of conciliation and failing which, by way of arbitration in accordance with the Rules of Arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the parties.
  - II. The dispute shall be first referred to the Development Commissioner for conciliation who shall conduct conciliation proceedings which will be held at Patna, Bihar.
  - III. Arbitration: - In case the conciliation proceedings fail, the dispute shall be referred to the arbitration as per the Arbitration Act.
  - IV. All legal disputes will come under the sole jurisdiction of Patna, Bihar. The venue of the arbitration shall be Patna.
- d) The Arbitral award shall be final and binding on both the parties.
- e) Work under the contract shall be continued by the vendor during the arbitration proceedings unless otherwise directed in writing by Department unless the matter is such that the work cannot possibly be continued until the decision of the arbitrator is obtained. Save as those which are otherwise explicitly provided in the contract, no payment due, or



payable by Department, to the vendor shall be withheld on account of the ongoing arbitration

## 7. Termination & Blacklisting

- I. The Department may terminate this Agreement and Blacklist/Debar the vendor, in case of occurrence of any of the events specified below. In the event of such an occurrence, the First Party may give not less than 30 days written notice of termination to Second Party.
  - a) If the vendor is in material breach of its obligations pursuant to this Agreement and has not remedied the same within 30 days.
  - b) If the vendor becomes insolvent or goes into compulsory liquidation
  - c) If the vendor, in the judgement of Department, has engaged in corrupt or fraudulent practices in competing for or in executing the contract
  - d) If the vendor submits to Department a false statement which has material effect on the rights, obligations, or interests of the Department.
  - e) If the vendor places itself in position of conflict of interest or fails to disclose promptly any conflict of interest to the Department.
  - f) If the vendor fails to provide Quality services as envisaged under this Agreement.
  - g) Failure of the vendor mobilize manpower, follow local laws, clumsy execution of work, and total disregard to public safety and its own employees.
  - h) Failure to abide by any lawful directions of the Department.
- II. **Penalties:** - The Department may impose a suitable penalty of the vendor of the failure of such activities as mentioned above. Such penalties shall be deducted from the pending bills/bank guarantee of the vendor. However, the Department shall issue a notice given 15 days of time to the vendor before imposing such penalty
- III. **Termination Payments:** - These payments shall mean the amount of payment by either party to the other party upon termination. Upon termination of the contract, Department may encash and appropriate the performance security/bank guarantee etc. The Department may clear outstanding dues of the sub-vendors of the second party out of such encashment and/or from the pending bills of the second party. After clearing such liabilities, any valid dues of the second party may be paid thereafter
- IV. **Foreclosure with Mutual consent:** -
  - a) Without prejudices to any provisions of this agreement, Department and the vendor may foreclose this agreement by mutual consent in circumstances which does not constitute either party's default without any liability or consequential future liability for either party.
  - b) Should a Party intend to foreclose this Agreement by mutual consent, the intending Party shall issue a notice to the other Party and upon issuance of such notice, the other Party may within 15 days from receipt of such notice either agree to such foreclosure or raise objection(s) to the same by intimating either of the two possible positions to the intending Party in writing.
  - c) In either case of the other Party agreeing to the proposed foreclosure or otherwise, the Parties may negotiate the proposed foreclosure and sign a Supplementary Agreement for foreclosure to the main Contract Agreement within 30 (thirty) days of the date agreeing by both Parties. Foreclosure shall not come into effect unless and otherwise Supplementary Agreement is signed.

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- d) Any attempt or endeavour for foreclosure by mutual agreement shall be without prejudice to the rights and obligations of the Parties herein and the factum of such an attempt or exercise shall not stop either of the Parties from discharging their contractual obligations under this Agreement.
- e) For the avoidance of doubt, it is clarified that such foreclosure will be without prejudice to the Vendor and shall not affect the Vendor in any way if it wishes to bid in future projects of the Department.

**V. Transition and Exit Plan:**

The vendor shall ensure that the transition is smooth in case the contract is terminated or foreclosed with mutual consent. In addition to the cancellation of contract, Department reserves the right to charge appropriate penalties and liquidated damages from the selected agency. Further:-

- a) All risks during transition stage shall be properly documented to ensure smooth transition without any service disruption.
- b) The transition plan along with the period shall be mutually agreed between vendor and Department when the situation occurs. Vendor shall be released from the project once successful transition is done meeting the parameters defined for the successful transition.



## Annexure 1: Scope of Work

Package	Description
1	ICT Lab
2	Smart Classroom

### Package 1: ICT LAB

1. Bill of Quantity (BOQ) - ICT LAB		
Sl. No.	Item Details	Quantity
1	Desktop server	01
2	Thin client nodes	08
3	Interactive Panel	01
4	Web Camera	01
5	Head Phone	08
6	3 KVA Online UPS with 30 minutes backup	01
7	Un-managed Switch with rack	01
8	Modem/Router	01
9	Computer Table	09
10	Armless Chair	30
11	Electrification	01
12	LAN Set up	01

2. Bill of Quantity (BOQ) - ICT LAB – Support Services	
1.	Insurance
2.	Training of 5 Teachers
3.	Multimedia Contents
4.	Internet Services
5.	School Coordinator
6.	Electricity
7.	Web Based Project MIS

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## OEM Qualification Criteria

- MAF to be provided for Computer Desktop and Thinclients by OEM

Criteria	Documents to be Submitted
1. The turnover of the manufacturer (OEM) of Desktop PCs and Thin Client should be minimum average of rupees 1000 crores per annum during any three financial years among 2019-20, 2020-21 and 2021-23	Audited Balance Sheets and CA Certificate
2. Experience of more than 10 years in the manufacturing of Desktop PCs.	Certificate of incorporation/ Relevant Certification
3. OEM Should not be Blacklisted /debarred from Central Government Department/ any State Department / PSU in last 5 years across the country	Undertaking on OEM letterhead

## Detailed Specifications

1. Specifications - ICT LAB (Non-recurring)		
1. Desktop Server		
	Item	Specification
	Form Factor	Tower/Micro Tower/Mini Tower
	Chassis	Standard Chassis
	Chipset	Q-Series / Pro. Series Chipset or better.
	Processor	CMOS<10nm, Multi core CPU with x86 Architecture, Not less than 12 thread Processor, >= 6 performance core, >=3.10 Ghz Base Frequency, On processor - 18 MB Cache or higher
	Memory	8 GB DDR4-3200 Mhz, Memory expandability up to 64 GB with 2 DIMM Slots
	Storage	1TB 7200RPM HDD & 256GB PCIe NVMe SSD or higher
	Graphics	Integrated / Discrete
	Audio	Integrated audio controller with internal speaker of at least 2x2W in the monitor.



Operating System	Microsoft Windows 11 Professional with OEM Recovery DVD or option of Cloud Recovery OR Linux Based Latest operating System with media and certificate of authenticity and license (if required)
Networking	Integrated 10/100/1000 Ethernet Controller, Integrated 802.ax (2x2) with Bluetooth 5.0 or higher
Ports	Video: 1 HDMI , 1 VGA, 1 Display / DVI, USB: 2 USB 3.2 Gen 1, 2 USB 3.2 Gen 2, 4 USB 2.0
Slots	1 PCI Express x16
	1 PCI Express x1
	2 M.2 slots for WIFI & SSD
	3 SATA Ports, 1 Serial Port
Bays	2X 3.5" Internal , 1 External bay
Keyboard	USB Wired Keyboard,
Mouse	USB Optical Wired Mouse
Power Supply	250 W with 85% efficiency or better
Volume	7 to 10 Litres
Security	TPM 2.0 (Hardware)
	Integrated cable lock slot for keyboard and Mouse
Manageability	Integrated utility to enables hardware level testing outside the operating system &
	Drivers should be available on OEM Website for download
Certifications	Microsoft Windows 11
	FCC,CE, RoHS Compliant, UL, EPEAT, Energy Star
	ISO 9001,14001,20001,27001 for OEM
Display	21.5" Monitor

## 2. Thin Client Nodes

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Parameters	Specification
Processor	Intel / AMD minimum 1.5 GHz base frequency Quad Core Processor
Memory (RAM)	4GB DDR4 RAM
Storage	64 GB
Key Board &	USB /PS2 Multimedia Keyboard
Mouse	Optical Mouse with Mouse pad
Network	(a) TCP/IP with DNS and DHCP wake on LAN (b) DHCP support for automatic firmware upgrades & unit configuration (c) PPPTP, L2TP, SNTTP
Network Interface	10/100/1000 Mbps Ethernet (auto sensing) NIC, RJ45 connector.
Ports / Slots	(a) 4 Internal USB (b) 1 speaker port (c) 1 VGA & 1 HDMI
Display	<b>21.5" TFT Colour Monitor with same OEM make and EPEAT &amp; TCO certified.</b>
Device Management Software	<ul style="list-style-type: none"> <li>• Must be web based should support Linux and Windows both on the single console.</li> <li>• Dashboard, asset management, compliance management, enable / disable USB remotely</li> <li>• Install applications remotely</li> </ul>
Certifications	Device must be VDI certified Citrix or VMware
Other	OEM of Thin Client must be among <b>Top 5 in IDC in India since Last 2 quarters</b> under Thin Client Category

### 3. Interactive Panel

Technical Parameter	Technical Details	Specification
Panel Parameter	Size	65"
	Respond Time	4ms
	Visual Ratio	16:9
	Panel Type	IPS Panel
	Display Colours	1.07B (10bit)
	Frequency	60 Hz

	Resolution	3840(H) x 2160(V)
	Colour Saturabilty	72%
	Brightness	400cd/m2
	Life Span	≥50000hrs
	Contrast Ratio	4000:1
	Light Source	DLED
	View Angle	178° (H/V)
<b>Speaker Parameter</b>	Sound Track	2.0
	Power	2 x 15W
<b>Touch Parameter</b>	Touch Specifications	Non-contact infrared sensing technology
	Support System	Windows 10/ Windows 8/ Windows 7/ Windows XP/ Android/ Linux/ Mac OS X/ Chrome
	Touch Points	20 Points touch
	Min. Identifier	2 mm
	Writing Display	Single Stylus Pen 2 Colour
	Respond Time	≤10ms
	Touch Depth	±1mm
	Input Mode	Opaque object (finger, Pen, etc)
<b>System parameter</b>	Version	Android 11
	CPU	Quad Core A55 2.1 Ghz
	GPU	Mali G52MP2
	RAM	4GB System Memory
	ROM	32GB System Storage
<b>Wireless Bluetooth Parameter</b>	Version	5
	Working Frequency	2.4 GHz
	Working Distance	Upto 10 mtrs.
	Remark Via	Wireless Module S107B
<b>Wireless Wi Fi Parameter</b>	Version	802.11ac/bg/n/a/x
	Working Frequency	2.4 GHz/5GHz
	Working Distance	Upto 10 mtrs.



	Remark Via	Wireless Module S107B
<b>Rear I/O Ports Parameter</b>	HDMI IN	2
	USB 2.0	1
	USB 3.0	2
	USB Touch Port	1
	Audio In	1
	Line Out	1
	Optical Out	1
	Display Port	1
	VGA Input Port	1
	HDMI Out	1
	Type C Port	1 Full Function
	RS 232	1
	LAN RF 45 Out	1
	LAN RF 45 In	1
<b>Front I/O Ports Parameter</b>	USB 3.0	2
	Touch USB	1
	HDMI I	1
	Type C full function	/
<b>Power &amp; Environmental Parameter</b>	Voltage	100-240AC 50/60 Hz 4A
	Max. Power Consumption	280W
	Standby Power Consumption	≤0.5W
	Working Temperature	0°C~40°C
	Working Humidity	10%~90%RH

#### 4. Web Camera

Video Resolution Up to 1280 x 720 pixels, Hi-Speed USB 2.0 certified (recommended), Universal clip fits laptops, LCD monitors or Interactive panels.

#### 5. Head Phone

Tangle free cord, Mounting Hardware Headset Headphones Form Factor Over Ear Connector Type Wired, 3.5 mm jack.

#### 6. UPS

3 KVA Line Interactive UPS with 30 minutes backup
<b>7. Data Switch with Rack</b>
Gigabit Network Switch, Wall Mounting Rack with Cable Manager, Power Manager, Mounting kit etc.
<b>8. Broad Band Modem/Router</b>
300 Mbps Wireless Broad Band Router with required accessories, 4 x Fast Ethernet LAN Ports, WPS Button, Supports Parent Control.
<b>9. Computer Table</b>
Computer Table size 800 (L) x 500 (W) x 650 (H) mm approx. It shall be made of 18 mm thick high quality pre-laminated particle boards with PVC strip edge banding of all exposed edge utility space.
<b>10. Armless Chairs</b>
Armless moulded chair.
<b>11. Electrical Wiring</b>
Electrical works with supply of required components i.e. Wire, Switch, Socket, and Waterproof Back Box, PVC Conduit etc., as per the site requirement
<b>12. LAN Setup</b>
UTP Cat 6 cable specifications, Fire Retardant PVC Jacket, 4 Pair 23 AWG Solid Copper Conductors

## 2. Specifications - ICT LAB (Recurring)

1.	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
2.	Training of 5 Teachers	5 days Initial Training for teachers and 3 days refresher training 2 <sup>nd</sup> year onwards for 5 years
3.	Multimedia Contents	
4.	Internet Services	Internet with speed of 2.0 Mbps or higher with unlimited data
5.	School Coordinator	One Dedicated Coordinator on 2 Schools for first year, Two dedicated Coordinators on 5 schools in second and third year, one dedicated Coordinator on 5 schools in fourth year and

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		no manpower in schools in 5 <sup>th</sup> year
6.	Electricity	Ideally Lab at School should run minimum 4 hours per day (Working Day) for 5 years. The electricity bill of the ICT lab will be paid by the agency to the school at the end of every Quarter.
7.	Web Based Project MIS	Online Web based MIS of ICT scheme will be provided for smooth continuous of the ICT Scheme at School. The responsibility towards entering data in this MIS will be responsibility of Teachers/ICT Instructor/District Coordinators/State Coordinators as per requirement of web based MIS.

**Site Preparations for ICT Lab in each School:**

The basic electricity connection will be provided by the School in the ICT Lab. Other additional electric fitting materials within the computer lab shall have to be made by the agency.

**(Note:** Average Classroom Size is approx.500 Sq. Ft. which may vary for individual schools)

**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.



**Teachers' Training: -**

- a) The trainee becomes capable of using computer for normal operation & installing, operating & using the software.
- b) The trainee understands the way the topic is dealt with the answer questions/queries from students on the topics.
- c) Hands on training to be provided to the teachers at schools
- d) A teachers' manual should be made available to all the trainees.
- e) Expected set of questions/answers should be provided at the end of the training.

**Training Delivery:**

Sl. No.	Topics of Induction Training
1.	Introduction Session
2.	Introduction to ICT and ICT in Education Initiativetaken up at National level
3.	Exploring Educational Resources through Internet
4.	Communicating and collaborating with ICT
5.	Safe, Secure, and ethical use of ICT
6.	Creating Educational Resources with ICT
7.	Introduction to Assistive technology
8	e-MIS
9.	ICT - Pedagogy - Content Integration
10	Feedback

The average number of teachers to be trained per school will not exceed 4. The training must also cover Computer Overview (Parts of PCs/ digital devices/ etc.), Operating Systems, Productivity Suits and integration of power point in classroom teaching, Office Suit, Internet/ Email/browsing e-mail.

**Manpower Deployment: -**

**School Coordinator-**

- a) The Bidder shall provide full time School Coordinator well versed with ICT skills as below One Dedicated Coordinator on 2 Schools for first year, Twodedicated Coordinators on 5 schools in second and third year,one dedicated Coordinator on 5 schools in fourth year and no manpower in schools in 5<sup>th</sup> year
- b) The ICT Instructor will be responsible for computer education of students, maintenance and upkeep of the hardware, software, and accessories at theschools as well as aid the teachers in the use of the IT/ICT infrastructure.

**Roles & Responsibilities of the School Coordinator: -**





- a) Provide Computer/IT/ICT education/skills as per syllabus, time tables and e-contents approved by the BEPC as required by BEPC/Department time-to- time.
- b) Provide on-site support and hand holding of the teachers to enable the teachers to use the computers for computer education as well as using e- content for Computer/IT/ICT enabled education.
- c) To maintain the hardware, software, and MIS in operational condition.

**Minimum Salary & other conditions for ICT Instructor deployment: -**

- i.) The minimum gross wages/salary and related statutory compliance of the ICT instructor shall be as per the minimum wages act applicable in the State.
- ii.) The bidder shall ensure compliance with all applicable laws, local and Central, including all labour laws like ESI, EPF, Minimum Wages Act, Bihar Shops & Establishments Act, Contract Labour (Regulation and abolition) Act 1970, Payment of Bonus Act etc. and shall keep BEPC indemnified and harmless in case of any action for violation by the bidder of any of the applicable laws. For all purposes the persons deployed will be employees of the bidder and they will have no relation whatsoever with BEPC. The bidder shall be responsible to furnish all such information/documents to BEPC in this regard as may be required by it from time to time
- iii.) ICT Instructor is allowed to take 16 leaves per year with permission of SchoolHM. In case, an ICT Instructor is absent from the school for more than 10 days in any month, the bidder needs to arrange alternative ICT Instructor failing which a penalty of Rs. 250/- per working day would be levied on bidder for each day exceeding 10 days the ICT Instructor is absent. Any absenteeism beyond 16 days (4 days in a quarter) of leave/absent in a year a penalty of Rs. 250/- per absent day (on working days) will also be deducted as penalty. Information regarding alternative ICT Instructor must be properly communicated to District office within 2 days of arrangement.

**E-Content / Digital Content: -**

- i.) The BEPC will provide e-contents / multi-media contents to the Agency in the form of CD/Pen Drive.
- ii.) The agency will have to install e-content in each school. The installation includes required configuration so that content can be used by students and teachers from thin client and through desktop. After First time installation, content may be upgraded during the contract if required. The required patches will be provided to agency by BEPC.
- iii.) The installation and up gradation must be done by the agency with close coordination with BEPC/agency authorized by BEPC or its authorized agency will provide training (online or offline) to District Coordinators of the project on e-content installation procedure, how to use e-contents etc.



**Internet Service: -**

- 4G High Speed Internet Services (with highest speed available, but not less than 2 mbps).
- Telecom Services Provider: BSNL/Other Indian Telecom Service Provider/ Providers (easy to Deploy with installed OS)
- The Internet connection must be available throughout the project period.
- Internet Service to be provided to school may be wired or wireless with wireless access point (WAP)/Wi-Fi router to make the ICT Lab a Wi-Fi Zone

**Electricity charges consumption: - As per the requirement.**

- Ideally Lab should run minimum 4 hours per day on each school day.
- As there is no proposal of having Generator Set/Photovoltaics, the electricity bill of the computer lab will be paid to the Agency by the school/district at the end of every quarter based on the actual consumption as per sub-meter of the ICT Lab upto an upper ceiling of Rs. 2000/- (Two Thousand Rupees) only per month.

**Web Based Online MIS Software/Application: -**

- i.) The Bidder shall develop and implement web based on-line real-time MIS software/application for the facility management, Infrastructure, and Inventory/asset management (Inventory of each item will be maintained and the concerned school principal/in-charge will be in-charge of ensuring that all hardware and software has been marked as inventory item. The bidder will have to facilitate the school in maintaining the record/ inventory of ICT related hardware and software.
- ii.) The record of ICT inventory, school wise must be maintained online also and to be made available to State Govt and Central Govt. (as and when required), monitoring of the IT education delivery, track the maintenance and upkeeping of ICT Lab equipment, monitoring of ICT lab uses, track uses and consumables, Manpower deployment details etc. to ensure the computers/equipment installed in the schools are being used, software which can keep track of when the system turned on/off, how long it is used, linked to Central Server/State server must be put in place.
- iii.) The MIS software must also have the provision of Biometric attendance/Geo tagged attendance/MAC address identified OTP based of ICT instructor at school level. The attendance of ICT instructor will be closely monitored by BEPC (State level and District Level office) through the above MIS software.
- iv.) Arrangements of all required hardware and software for such provisions of attendance will be responsibility of the Prime Bidder. The MIS software must also have the provision for generating various periodic reports/performance reports as per requirement. If required, it will be bidders' responsibility to create APIs as per requirement to push/pull data of MIS software to and from any other BEPC/State Government's Portal.
- v.) The bidder must also provide online facility (Dashboard) for monitoring of functioning, usage, lodging complaints, raising issues, feedback etc of the ICT Scheme at District and



State level.

vi.) Development, Hosting, implementation, and maintenance (throughout the project period) of the web based online real time MIS software/application will be responsibility of the Bidder.

vii.) For Hosting the application required Security Audit and SSL certification must be done by Bidder through CERT-In empaneled agency. It may be required to do security audits during maintenance/up gradation of web application as per requirement.

viii.) BEPC will have the right to use this application to monitor ICT implementation and/or ICT Lab implementation of other Govt. schools (in addition to the schools as provided in this RFP) as and when required. The ICT and ICT Lab scheme of Other Govt. schools may be implemented by some other implementing agencies or being implemented by District or School itself. Necessary provision and features for the above must be there in this web based online real time MIS software/application.

Note: In the last year of the contract the complete software package including workable complete source code and database with full right and data of the MIS need to be transferred to BEPC.

**Payment Terms:**

The payments arrangements under this project are as follows:

Milestones	Payment terms
1. Supply, Installation, Setting up of ICT Labs	a) 80% on completion of successful delivery of the supplied hardware and software (does not include educational software/MIS) and connected accessories. b) Balance 20% payment on completion of installation and training.
2. Project Operation, maintenance, Insurance and Educational Services. (duration – 5 years)	a) Payments on quarterly basis after receiving proper certificates from each of the location.
a) Payment for Operation & maintenance shall be made on a quarterly basis after successful operation and maintenance as certified by the concerned school. b) All Payments will be subject to deduction of Income Tax, GST, etc. as prevailing / applicable at the time of payment. c) The average per school cost per year for Part II (Educational Services- Recurring) not exceeds Rs 0.38 Lakhs. d) Payment shall be made on pro- rata basis on completion of assigned task for every 500 schools as per milestone wise.	

## 1.1 Timeline

A.	Signing of the Contract	Day 01
B.	Supply and commissioning of the Labs	120 days from the date of site readiness of the school

## 1.1 Warranty

All the equipment supplied under this RFP must have 5 Years warranty

## Package 2: SMART CLASSROOM

### Eligibility Criteria of Original Equipment Manufacturers (OEM):

SI	Specific Requirements	Document Required
1.	<p>Interactive Flat panel – 65 inch:</p> <p>a) The turnover of the manufacturer (OEM) of Interactive Flat panel – 65 inch should be minimum average of rupees 250 crores per annum during the three financial years (FY: 2020-21, 2021-22, 2022-23).</p> <p>b) OEM should be in existence for last 10 years.</p> <p>c) OEM Should not be Blacklisted /debarred from govt. /Quasi Govt in last 5 years across the country.</p> <p>d) OEM should comply with the rule 144(xi) of the General finance rule on land boarder sharing. OEM has providing letter of undertaking/necessary document to comply.</p>	<p>a) Extracts from the audited Balance sheet and Profit &amp; Loss; OR Certificate from the statutory auditor</p> <p>b) Supporting document along with Self declaration of experience.</p> <p>c) Self-declaration – No Blacklisting undertaking (On OEM's letter head)</p>
2.	<b>MDM</b>	<b>MAF as per format</b>

## 2. SCOPE OF WORK

ICT needs to be used to provide high quality education, as well as holistic education to each child including children and youth with special needs and marginalized sections of the society.

To strengthen digital infrastructure in schools under Samagra Shiksha, setting up of Smart Classrooms have become one of the basic building blocks of the modern society. In this endeavor, the State proposes to setup Smart Classrooms in 2,167 schools (maximum 2 smart classrooms per school) across the State of Bihar.

Setting up of Smart Classrooms in Schools (It includes Supply, Installation, Commissioning & 5 Years On Site Maintenance of Hardware, Software & Peripherals/Access ones of items given below in each school)

The Bidder is required to setup 4334 Smart Classrooms which includes supply, installation, commission, and maintain Hardware, Software & Peripherals for five years under ICT & Digital Initiatives intervention in 2167 Govt. Elementary Schools across Bihar in rural as well as urban areas as per the technical specifications & terms and conditions as stipulated in the RFP.

The bidder shall also provide one (1 day) product handling training on all the hardware and software supplied to at least two teachers from each school where smart classrooms will be set up in consultation with BEPC.

Brief details of the Hardware, Software, Peripherals etc. to be supplied, installed, commissioned, and maintained in each classroom/location would be as follows: -

S. NO.	Items	Total Unit in each Classroom
1.	Interactive Flat panel – 65 inch	01
2.	Frame with White Board	01
3.	UPS	01
4.	MDM (Mobile Device Management) Software	01
5.	Content Sharing Portal along with Web Based Online MIS Software	01
6.	Internet Connectivity	01

### Services to be provided for proper functioning of Smart Classrooms:

#### Teachers' Training:

3 day training on technical know-how and use of hardware and interactive software will be provided to 2 teachers from each school for the day-to-day operation of smart classrooms, The training will be conducted on an annual basis.

#### E-Content / Digital Content installation: -

- i.) The BEPC will provide e-contents / multi-media contents to the Agency in the form of CD/Pen Drive or through any convenient method i.e. cloud storage like Google Drive etc.
- ii.) The agency will have to install e-content to each PC. The installation includes

required configuration so that content can be used in the classrooms. After first time installation, content may be upgraded during the contract if required. The required patches will be provided to agency by department.

iii.) The installation and up gradation must be done by the agency with close coordination with BEPC/agency authorized by BEPC or its authorized agency will provide training (online or Offline) to teachers on e-content installation procedure, how to use e-contents etc. as per requirement time to time.

Internet Service: -

- i. 4G High Speed Internet Services (with highest speed available, but not less than 2 mbps) with unlimited data.
- ii. The Internet connection must be available throughout the project period. The Bill/ Summary- Bill for Internet connection (mentioning the schools' name) must be submitted by agency along with invoice for payment without which payment will not be processed.

Electricity charges consumption: -

As Per the requirement. (Ideally Smart Class should run minimum 4 hours per day on each school day. The electricity bill of the computer lab will be paid by the agency to the school at the end of every quarter.)

Web Based Online MIS Software/Application: -

1. The Bidder shall develop and implement web based on-line real-time MIS software/application for the facility management, Infrastructure, and Inventory/asset management (Inventory of each item will be maintained and the concerned school principal/in-charge will be in-charge of ensuring that all hardware and software has been marked as inventory item. The bidder will have to facilitate the school in maintaining the record/ inventory of ICT related hardware and software.
2. Arrangements of all required hardware and software for such provisions of attendance will be responsibility of the Bidder. The MIS software must also have the provision for generating various periodic reports/ performance reports as per requirement. If required, it will be bidders' responsibility to create APIs as per requirement to push/pull data of MIS software to and from any other BEPC/State Government's Portal.
3. The bidder must also provide online facility (Dashboard) for monitoring of functioning, usage, lodging complaints, raising issues, feedback etc. of the Smart Classrooms Scheme at District and State level.
4. Development, Hosting, implementation, and maintenance (throughout the project period) of the web based online real time MIS software/application will be responsibility of the Bidder.
5. For Hosting the application required Security Audit and SSL certification must be done by Bidder through CERT-In empaneled agency. It may be required to do security audits during maintenance/up gradation of web application as per requirement.
6. BEPC will have the right to use this application to monitor ICT implementation

and/or Smart Classrooms implementation of other Govt. schools (in addition to the schools as provided in this RFP) as and when required. The ICT and Smart Classrooms scheme of Other Govt. school may be implemented by some other implementing agencies or being implemented by District or School itself. Necessary provision and features for the above must be there in this web based online real time MIS software/application.

7. The developed software for this project will be the proprietary of BEPC and the agency will have to submit the developed source code and relevant documentation to BEPC after warranty period.
8. The cloud storage, if needed may also be on the name of BEPC keeping in view the after-warranty requirements. The cost per year may also be shared with BEPC.
9. The bidder shall be liable for the privacy of data.
10. Any third-party certificate required for this project may be on the name of the BEPC.
11. The bidder needs to provide a Single Point of contact with email and mobile number.

## 1.2 Insurance

The Procurement, Supply & Installation of hardware, is to be fully insured against any loss or damage caused to it including theft, burglary, fire or any physical damage. The period of insurance shall be from the date of Final Acceptance Test (FAT) till the end of contract. The insurance document should be submitted to The State Project Director, Bihar Education Project Council.

Note: - In case of theft/burglary/fire or any physical damage, the bidder will have to provide replacement of the equipment with same or higher configuration within 30 working days from the date of Non-Tracing Report (NTR) received from concerned local police authority. In case of non-repairable equipment, the bidder will have to provide the replacement of the equipment with same or higher configuration within 30 working days from the logging of issue and identifying the equipment as non-repairable.

## 2.1 Timeline

A.	Signing of the Contract	Day 01
B.	Supply	90 days from the date of LOI/Order
C.	Commissioning of the items	120 days from the date of site readiness of the school
D.	Teacher Training	To be started after the installation of the hardware & content in the schools have been completed

## 1.3 Warranty



All the equipment supplied under Package 1 of RFP must have 5 Years warranty.

#### 1.4 Service Level Change Controls

a) General

i) It is acknowledged that this Service levels may change as Purchaser's business needs evolve over the course of the contract period. As such, this document also defines the following management procedures:

ii) A process for negotiating changes to the Service Levels

iii) An issue management process for documenting and resolving particularly difficult issues.

b) Purchaser and Bidder management escalation process to be used in the event that an issue is not being resolved in a timely manner by the lowest possible level of management.

c) Any changes to the levels of service provided during the term of this Agreement will be requested, documented and negotiated in good faith by both parties. Either party can request a change.

d) Service Level Change Process: The parties may amend Service Level by mutual agreement in accordance. Changes can be proposed by either party. Unresolved issues will also be addressed. The bidder's representative will maintain and distribute current copies of the Service Level document as directed by Purchaser. Additional copies of the current Service Levels will be available at all times to authorized parties.

e) Version Control: All negotiated changes will require changing the version control number. As appropriate, minor changes may be accumulated for periodic release or for release when a critical threshold of change has occurred.

#### 2.2 Payment Terms

Milestones	Payment terms
1. Supply, Installation, Setting up of Smart Classrooms and 1 day Product training to at least 1 teacher from each location.	a) 80% on completion of successful delivery of the supplied hardware and software (does not include educational software/MIS) and connected accessories. b) Balance 20% payment on completion of installation and training.
2. Project Operation, maintenance, Insurance and Educational Services.	(a) Payments on quarterly basis from district level after receiving proper certificates from each of the location/districts. (b) No advance payment shall be made.



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- e) Payment for Operation & maintenance shall be made by the concerned district on a quarterly basis after successful operation and maintenance as certified by the concerned school/district MIS Coordinator.
- f) All Payments will be subject to deduction of Income Tax, GST, etc. as prevailing / applicable at the time of payment.
- g) The average per school cost per year for Part II (Educational Services- Recurring) not exceeds Rs 0.38 Lakhs.
- h) Payment of First Installment will be based on pro-rata basis with receipt of certificate of installation from at least 50% Schools the concerned School Head Teacher / district MIS Coordinator.
- i) Certification (Benchmarking/Quality) from ERTL (STQC) or as required for the hardware provided, 40% of the total value of Hardware part (Hardware, Software, and educational software) against applicable to that school will be paid to the Agency.

**Service Levels and Penalty Terms:**

Sl. No.	Description	Service Level	Applicable Penalty
1.	Supply and complete acceptance testing for 100% of the ordered quantity at all locations of device(s) within 90 days of issuance of Work Order by the Department	90 days	No Penalty
		90 to 120 days	0.5 % (the value of undelivered and / or not accepted quantity) per week or part thereof, for every subsequent week subject to a max of 8 weeks.
		> 120 days	The Contract shall be terminated and the PBG shall be forfeited.

**1.5 Other General Clauses of payment to be noted**

- No advance payment shall be made to the bidder under any circumstances
- Payment will be made within 15 days of submission of invoice along with all required supporting documents.
- All payments will be made subject to TDS (Tax deduction at Source) as per the income- Tax Act, 1961 and other taxes if any as per Government of India rules.
- All tax will be calculated and paid as per prevailing rates.
- In case the bidder fails to execute the contract, BEPC shall be at a liberty to get it done through any other agency with full cost recoverable from the bidder in

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- addition to damages and penalty.
- All above reports and certificates are to be signed by the concerned School Teachers.
- I. **Penalties:** - The Department may impose a suitable penalty of the vendor of the failure of such activities as mentioned above. Such penalties shall be deducted from the pending bills/bank guarantee of the vendor. However, the Department shall issue a notice given 15 days of time to the vendor before imposing such penalty
  - II. **Termination Payments:** - These payments shall mean the amount of payment by either party to the other party upon termination. Upon termination of the contract, Department may encash and appropriate the performance security/bank guarantee etc. The Department may clear outstanding dues of the sub-vendors of the second party out of such encashment and/or from the pending bills of the second party. After clearing such liabilities, any valid dues of the second party may be paid thereafter
  - III. **Blacklisting without termination:** - The Department may blacklist the vendor without terminating the contract for any of the failures or acts of commissions or omissions under this Agreement.
  - IV. **Foreclosure with Mutual consent:** -
    - a) Without prejudices to any provisions of this agreement, Department and the vendor may foreclose this agreement by mutual consent in circumstances which does not constitute either party's default without any liability or consequential future liability for either party.
    - b) Should a Party intend to foreclose this Agreement by mutual consent, the intending Party shall issue a notice to the other Party and upon issuance of such notice, the other Party may within 15 days from receipt of such notice either agree to such foreclosure or raise objection(s) to the same by intimating either of the two possible positions to the intending Party in writing.
    - c) In either case of the other Party agreeing to the proposed foreclosure or otherwise, the Parties may negotiate the proposed foreclosure and sign a Supplementary Agreement for foreclosure to the main Contract Agreement within 30 (thirty) days of the date agreeing by both Parties. Foreclosure shall not come into effect unless and otherwise Supplementary Agreement is signed.
    - d) Any attempt or endeavour for foreclosure by mutual agreement shall be without prejudice to the rights and obligations of the Parties herein and the factum of such an attempt or exercise shall not stop either of the Parties from discharging their contractual obligations under this Agreement.
    - e) For the avoidance of doubt, it is clarified that such foreclosure will be without prejudice to the Vendor and shall not affect the Vendor in any way if it wishes to bid in future projects of the Department.



## 1.6 Exit Management

- a) The bidder shall submit a systematic Exit Management Plan, Six (6) months prior to the end of the contract period.
- b) The Exit Management Plan should be discussed with BEPC
- c) & Department and finalized prior to its execution.
- d) In case of termination, the Exit Management Plan will be executed within the minimum period to transfer the knowledge till the next successor has been selected to operate the Contact Centre without affecting its services.
- e) The bidder needs to submit the following deliverables as part of the Exit Management Process.

### Exit Management Plan

Updated Status of the Project with entire equipment details & User Manuals, if any

Knowledge transfer and handover/takeover of documents and other relevant materials between the outgoing and the new bidder.

## 1.7 Bill of Quantity (BOQ)

<b>Bill of Quantity (BOQ) - SMART CLASSROOM (Non-recurring)</b>		
1	Interactive Flat panel – 65 inch	1
2	Frame with White & Green Board	1
3	MDM	1
4	Content Sharing Portal	1
5	Web Cam	1

### Note:

1. The bidder is responsible for Delivery, Installation, Commissioning of all the IT Components.
2. The bidder is responsible to maintain the warranty support of all IT (Hardware & Software) for a period of Five years
3. All the equipment supplied under this RFP must have 5 Years warranty.

## 6. Technical Specification

### 6.1 Minimum Technical Specifications

1. Interactive Flat Panel 65"		
Technical Parameter	Technical Details	Specification
Panel Parameter	Size	65"
	Respond Time	4ms
	Visual Ratio	16:9
	Panel Type	IPS Panel
	Display Colours	1.07B (10bit)
	Frequency	60 Hz
	Resolution	3840(H) x 2160(V)
	Colour Saturability	72%
	Brightness	400cd/m2
	Life Span	≥50000hrs
	Contrast Ratio	4000:1
	Light Source	DLED
	View Angle	178° (H/V)
Speaker Parameter	Sound Track	2.0
	Power	2 x 15W
Touch Parameter	Touch Specifications	Non-contact infrared sensing technology
	Support System	Windows 10/ Windows 8/ Windows 7/ Windows XP/ Android/ Linux/ Mac OS X/ Chrome
	Touch Points	20 Points touch
	Writing Display	Single Stylus Pen 2 Colour
	Respond Time	≤10ms
	Touch Depth	±1mm
	Input Mode	Opaque object (finger, Pen, etc)
System parameter	Version	Android 11
	CPU	Quad Core A55 2.1 Ghz
	GPU	Mali G52MP2



	RAM	4GB System Memory
	ROM	32GB System Storage
<b>Wireless Bluetooth Parameter</b>	Version	5
	Working Frequency	2.4 GHz
	Working Distance	Upto 10 mtrs.
<b>Wireless Wi Fi Parameter</b>	Version	802.11ac/bg/n/a/x
	Working Frequency	2.4 GHz/5GHz
	Working Distance	Upto 10 mtrs.
<b>Rear I/O Ports Parameter</b>	HDMI IN	2
	USB 2.0	1
	USB 3.0	2
	USB Touch Port	1
	Audio In	1
	Line Out	1
	Optical Out	1
	Display Port	1
	VGA Input Port	1
	RS 232	1
	LAN RF 45 In	1
<b>Front I/O Ports Parameter</b>	USB 3.0	2
	Touch USB	1
	HDMI I	1
<b>Power &amp; Environmental Parameter</b>	Voltage	100-240AC 50/60 Hz 4A
	Max. Power Consumption	300W
	Standby Power Consumption	≤0.5W
	Working Temperature	0°C~40°C
	Working Humidity	10%~90%RH
<b>1. Frame/Housing for Interactive Flat Panel with sliding writing board</b>		
<b>Specification Category</b>	<b>Specification Attribute</b>	<b>Details</b>

Q

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Structure	Wall mounted	Double layered structure and 2 Boards – 1 sliding white board with fixed green board (or vice versa)
Locking facility	Equipped	Locking system on sliding frame to keep the interactive display safe
White Board Surface	Material	Metal surface with Coating
Frame	Material	High-quality aluminium

## 2. MDM

1	Admin/School/Institution should be able to check live status of active and in-active devices as infographics report on Admin Dashboard.
2	Admin should be able to install/uninstall APPs on IFPDs remotely from their Admin Dashboard.
3	Admin can share files and can also give Push Notification remotely from Admin Dashboard.
4	Infographic Usage report on Admin Dashboard showing the time when devices are on/off on the basis of Daily, Weekly, Monthly and Yearly timeline.
5	Facility to monitor the usage report with daily, weekly, usage on the basis of Apps Used, Time Used, and Activity Done
6	List of schools that are not using the devices should be shown to monitor and increase the usage
7	Admin can also export all the usage report in excel format
8	Facility to Admin to remotely create/update a list of appropriate youtube videos for the end user to access on devices

## 3. Assessment Platform

The software should be able to provide the management of school, teachers and students.

Software should have the following basic features:

- Login for School, teachers and students

### Head Office / School Portal

- HO should be able to create multiple schools and invite teachers and students.
- Each School need to have an individual Login.

### Teacher portal

- Teacher should be able to share course material (videos/ documents etc.)
- Teacher should be able to distribute the content subject wise and class wise to his/her students.
- Teacher should be able to track the student action on the content shared.



- Teacher should be able to give descriptive assignments to the students and evaluate them online through annotation and publish result to the students along with the feedback.
- Teacher should be able to give online assessments in MCQ form (Image enable) to the students and result need to be auto published at the end of the assessment to the students.
- Software should have Individual Teacher Content Repository System to access the content from any location.

#### **Student Portal**

- Students should be able to view and download content shared by the respective teachers.
- Students should be able to submit assignments and view the evaluation shared by the teacher.
- Student should be able to take MCQs given by the teacher in the respective timeline and view his result at the end of the assessment.

#### **Analytics**

- HQ should be able to analyze school, teacher and student performance
- School should be able to analyze teacher activities and student performance

Monitor and track the application usage by the schools

#### **5. Web Camera**

Video Resolution Up to 1280 x 720 pixels, Hi-Speed USB 2.0 certified (recommended), Universal clip fits laptops, LCD monitors or Interactive panels.

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**ANNEXURE 2: LETTER OF SUBMISSION**

(On the letterhead of the bidder)

To,

The State Project Director,  
Bihar Education Project Council,  
Shiksha Bhawan, Bihar  
Rashtrabhasha Parishad Campus,  
Saidpur, Patna - 800 004.  
e-mail : ssabihar@gmail.com

Sir,

**Ref: - RFP for selection of Agency for digitization in the schools of Bihar state , BEPC, GoB**

We have read and understood the Request for Proposal (RFP) in respect of the captioned Assignment provided to us by Department of Education.

We hereby agree and undertake as under:

- a. Notwithstanding any qualifications or conditions, whether implied or otherwise, contained in our Proposal we hereby represent and confirm that our Proposal is unqualified and unconditional in all respects.
- b. This Proposal is valid till (90 days from the Proposal Due Date). RFP can be download from the website [www.eproc2.bihar.gov.in](http://www.eproc2.bihar.gov.in) after paying tender fee of Rs. 5000/- and processing fee of Rs. 590/-. The fees will have to be paid through online on the above mentioned website. Proposal received without or with inadequate RFP document fees shall be rejected.
- c. Bidder shall submit, along with their bids, EMD of Rs. XXXXXXXX/- (Rupees .....only) in the form of Bank Guarantee issued by the Schedule Bank, in favor of the "State Project Director, Bihar Education Project Council
- d. That as on the date of submission of this tender, there is no blacklisting order that bars us from working with any Government Agency / Department on account of deficiency in service.

Name of the Bidder

Date: -

Signature of Authorized Signatory



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**ANNEXURE – 3: LIST OF SIMILAR WORK**

#	Name of Client	Location	Description of work	Value of Contract/Work in Rs.	Duration (Start date- Completion date)
1					
2					
3					

**NOTES:**

- Each of the listed works shall be supported with the copy of work order & other documentary evidences as per the eligibility and technical evaluation criteria.
- Non-disclosure of any information in the schedule will result in disqualification of the firm

Signature of the applicant/Authorized Representative of Agency with Seal/Stamp



## ANNEXURE – 4: FORMAT FOR FINANCIAL PROPOSAL

(On the letter head  
of the bidder)

Date: -

To,

The State Project Director,  
Bihar Education Project Council,  
Shiksha Bhawan, Bihar  
Rashtrabhasha Parishad Campus,  
Saidpur, Patna - 800 004.  
e-mail : ssabihar@gmail.com

Sir,

**Ref: - RFP for selection of Agency for digitization in the schools of Bihar State ,  
BEPC, GoB.**

We are pleased to quote the price as below. We have reviewed all the terms and conditions of the 'Request for Proposal' and confirm that, we would abide by all the terms and conditions. We hereby declare that there shall be no deviations from the stated terms in the RFP.

We further declare that, any State Government, Central Government or any other Government or Quasi Government Agency has not barred us from participating in any Bid.

Our Financial Quote for the for selection of Agency for digitization in the schools of Bihar state , BEPC, GoB Bihar, Patna is INR (in figures) \_\_\_\_\_ (INR in Rupees). This amount includes all charges and taxes but is **exclusive of GST** which shall be payable at prevailing rates.

We abide by the above offer/quote and terms condition of the RFP, if the BEPC, Bihar selects us as the Selected Bidder/Agency. If our offer is accepted and if we fail to perform in the manner as specified in the RFP Document, the amount of Bid Security, as aforesaid, shall stand absolutely forfeited to the BEPC, Bihar without prejudicing the rights of the BEPC, Bihar to proceed further in any manner it deems fit. Until a formal Agreement is prepared and executed between us, this bid, together with your LOI, shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any bid that you may receive. We declare that the information stated above and enclosed is complete and absolutely correct and any error or omission therein, accidental or otherwise, as a result of which our bid is found to be nonresponsive, will be sufficient for the BEPC, Bihar to reject our bid and forfeit our bid security in full.

Sincerely,

Name

Name of the Firm/Agency

Designation and Address

Mobile and Email

**Signature of the applicant/ Authorized Representative of Agency with Seal/Stamp**



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4.1 **Manufacturers' Authorization Form (MAF)**

(To be submitted in OEM letter head)

To,

The State Project Director,  
Bihar Education Project Council,  
Shiksha Bhawan,  
Bihar Rashtrabhasha Parishad Campus,  
Saidpur, Patna - 800 004.  
e-mail : ssabihar@gmail.com

**Sub:** RFP for selection of Agency for digitization in the schools of Bihar state , BEPC, GoB for five years - OEM Authorization Form (RFP Enq. No.: .....)

**Sir,**

We who are established and reputable manufacturers / producers of

\_\_\_\_\_ having factories / development facilities at (address of factory / facility) do hereby authorize M/s \_\_\_\_\_ (Name and address of bidder) to submit a Bid, and sign the contract with you against the above Bid Invitation.

We hereby extend our full guarantee and warranty for the Solution, Products and services offered by the above firm against this Bid Invitation.

We also undertake to provide any or all of the following materials, notifications, and information pertaining to the Products manufactured or distributed by the Supplier:

- a. Such Products as the Purchaser may opt to purchase from the Supplier, provided, that this option shall not relieve the Supplier of any warranty obligations under the Contract; and
- b. in the event of termination of production of such Products:
  - i. advance notification to the Purchaser of the pending termination, in sufficient time to permit the Bank to procure needed requirements; and
  - ii. Following such termination, furnishing at no cost to the Purchaser, the blueprints, design documents, operations manuals, standards, source codes and specifications of the Products, if requested.

We duly authorize the said firm to act on our behalf in fulfilling all installations, Technical support and maintenance obligations required by the contract.

Yours faithfully, (Name)

(Name of Producers/Manufacturer)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer. The Bidder in its Bid should include it.



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**ANNEXURE – 4.1: Financial Bid Format**

**For selection of Agency selection of Agency for digitization in the schools of Bihar state ,  
BEPC, GoB**

Name of the bidder:.....

Sl	Item Description	Quantity (Number)	Rate per Lab/Schools (in Rs)	Total Amount* (in Rs)
(a)	(b)	(c)	(d)	(e)=(c) x (d)
Package I - ICT Lab	Part I, Which Includes all non-recurring items as per scope of work	01		
	Part II, Which Includes all recurring items as per scope of work	01		
	Grand Total of Package I ( Part I + Part II):			
	In words:			
Package II - Smart Class rooms	Part I, Which Includes all non-recurring items as per scope of work	01		
	Part II, Which Includes all recurring items as per scope of work	01		
	Grand Total of Package II ( Part I + Part II):			
	In Words:			

The price quoted above shall be inclusive of all taxes, Levies, insurances, freight, GST & all kind of applicable taxes including the maintenance cost for 5 (Five) years.

(Authorized Signature and Seal of Bidder / Agency)

Financial Bid must be submitted online through eproc2portal. Submission of Hardcopy only will not be accepted in any case.

Note:

- For Package I: BEPC reserves the right to reject bid if the price quoted for ICT Lab, total cost per school for Part I (Hardware, Software & Connected accessories) (Non-Recurring) exceeds Rs 6.40 Lakh per School and average per school cost per year for Part II (Manpower and other services- Recurring) exceeds Rs 0.38 lakhs.
- For Package II: BEPC reserves the right to reject bid if the price quoted for Smart Classrooms total cost per school for Part I (Hardware, Software & Connected accessories) (Non-Recurring) exceeds Rs 2.40 Lakh per School and average per school cost per year for Part II (Manpower and other services- Recurring) exceeds Rs 0.38 lakhs.

(All Cost should include 5 years of warranty support).

**Note:** GST shall be payable at prevailing rates.