

RFP Reference No. BEPC/GOB-SC/2025-26/.....<sup>3397</sup>, Dated <sup>24</sup>.../07/2025



**Request for Proposal (RFP)  
For  
Procurement, Supply and Installation of Smart Classrooms at Government  
Middle Schools in Bihar**

(Through <https://eproc2.bihar.gov.in>)

Bihar Education Project Council,  
IInd & IIInd Floor, Shiksha Bhawan,  
Bihar Rashtrabhasha Parishad Campus,  
Saidpur, Patna - 800 004 (Bihar)

✓ M

### Table of Contents

Sl. No.	Contents	Page No.
	SCHEDULE OF BID PROCESS	5
1	REQUEST FOR PROPOSAL	6
2	BACKGROUND INFORMATION	6
3	INSTRUCTIONS TO BIDDERS	7
4	CRITERIA FOR EVALUATION	14
5	SCOPE OF WORK	22
6	PAYMENT SCHEDULE AND PENALTY	23
7	DISPUTE RESOLUTION	24
8	TERMINATION & BLACKLISTING	24
	ANNEXURE 1: TECHNICAL SPECIFICATIONS	28
	ANNEXURE 2: LETTER OF SUBMISSION	32
	ANNEXURE 3: LIST OF SIMILAR WORK	33
	ANNEXURE 4: FORMAT FOR FINANCIAL PROPOSAL	34
	ANNEXURE 5: FINANCIAL BID FORMAT	35
	ANNEXURE 6: FORMAT FOR EMD	36
	ANNEXURE 7: FORMAT FOR PBG	37



## DISCLAIMER

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.

1. 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
2. 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.
3. 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.
4. 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.
5. 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>BSEIDC</b>	Bihar State Educational Infrastructure Development Corporation (BSEIDC)
<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. State Project Director, Bihar Education Project Council (BEPC), 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>LoI</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	RFP Reference No. BEPC/GoB-SC/2025-26/3397, Dated 24/07/2025 Available for download from 24/07/2025, 05:00 PM onwards till 14/08/2025, 3:00 PM on <a href="https://eproc2.bihar.gov.in">https://eproc2.bihar.gov.in</a>
3	Last date for submission of written queries for clarifications	30/07/2025, 02:30 PM Email: <a href="mailto:etenderbepc@gmail.com">etenderbepc@gmail.com</a>
4	Date of pre-bid conference	30/07/2025, 03:00 PM through online mode Google Meet joining info Video call link: <a href="https://meet.google.com/tnt-yoe-e-kzs">https://meet.google.com/tnt-yoe-e-kzs</a> e-mail: <a href="mailto:etenderbepc@gmail.com">etenderbepc@gmail.com</a>
5	Release of response to clarifications	31/07/2025, 5:00 PM
6	Last date of submission of bid	14/08/2025, 4:00 PM
7	Last date of submission of Hard copy of EMD	14/08/2025, 4:00 PM
8	Last date of submission of Sample (Before bid submission closing date & Time)	14/08/2025, 4:00 PM
9	Opening of Technical Bids	14/08/2025, 4:30 PM
10	Opening of Financial Bids	To be intimated
11	Contact person for queries	Administrative Officer, Bihar Education Project Council (BEPC), Shiksha Bhawan, Bihar Rashtra Bhasha Parishad Campus, Saidpur - 800 004. e-mail: <a href="mailto:etenderbepc@gmail.com">etenderbepc@gmail.com</a>

**Note:** BEPC reserves the right to amend document for RFP, schedules, and critical dates. It is sole responsibility of bidder to check <https://eproc2.bihar.gov.in> from time to time for any updated information. No communication in writing or through e-mail or any other mode will be sent by BEPC in this regard. BEPC also reserves the right to cancel the whole tender process at any time during the bid process without assigning any reason thereof.

VS

## 1. REQUEST FOR PROPOSAL

State Project Director, Bihar Education Project Council (BEPC), Patna invites Request for Proposal (RFP) for Procurement, Supply and Installation of Smart Classrooms from eligible agencies. The bids comprising mandatory compliance along with technical bids and price bids shall be submitted on <https://eproc2.bihar.gov.in> website. 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 Technical and Financial Proposal in the prescribed formats, within the Proposal Due Date as prescribed in 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 <https://eproc2.bihar.gov.in>

## 2. BACKGROUND INFORMATION

The BEPC, Education Department, Bihar is inviting RFP from experienced bidders for Supply and Installation of Smart Classrooms at Government schools in Bihar.

To bridge the digital gap and ensure equitable access to quality education, BEPC aims to equip government middle schools with **Smart Classroom** that promote interactive, engaging, and technology-enabled learning. These Smart Classrooms are expected to integrate audio-visual tools, digital content delivery systems, and interactive devices that support blended learning and facilitate both teachers and students in improving learning outcomes.

This initiative is part of the state's broader educational transformation agenda, targeting improved pedagogy, personalized learning, and teacher facilitation. The Smart Classrooms will particularly benefit schools including the ones located in rural and remote regions, where access to modern learning infrastructure has traditionally been limited.



Accordingly, BEPC is inviting experienced and eligible agencies through this Request for Proposal (RFP) to undertake the **Procurement, Supply and Installation of Smart Classroom** in government middle schools across the Bihar. The selected agency will be responsible for ensuring timely delivery, proper installation and functional readiness of all components as detailed in *Annexure-I*, which outlines the specifications and tentative quantity of the equipment to be supplied.

### 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 <https://eproc2.bihar.gov.in> as per the instructions 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://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 [etenderbepc@gmail.com](mailto:etenderbepc@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	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**

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://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 15,00,00,000/- (Rupees Fifteen Crore only) in the form of Demand Draft/Bank Guarantee issued by any Scheduled bank. It may be also submitted through RTGS/NEFT in specified bank account of BEPC. (Bank Details: State Project Director - BEPC, A/c No. 245001000002776, IFSC Code - IOBA0002450).
- ii. Validity of BG (EMD) will be up to 30.10.2025.



- iii. The bid / proposal submitted without EMD, mentioned above, will be summarily rejected.
- iv. Micro, small and start up agencies registered for doing similar work as a Manufacturer are exempted from the payment of EMD, as per Government policy, subject to submission of valid registration certificate as a Manufacturer of mentioned products with the bid.
- v. 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 BEPC, Department of Education, GoB and the Successful Bidder.
- vi. 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.
- vii. 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. Bidder must understand whole RFP in line with Department requirement and providing the undertaking on execution the same unconditionally.
- v. 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: [etenderbepc@gmail.com](mailto:etenderbepc@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**

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 Intent/Award (LOI/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.
  - c. 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 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 1 year or contract term, of a value equivalent to 5% of the contract value within 14 days of award of Letter of Acceptance (LoA).
- b. Failure to submit the PBG within the time stipulated in the LoA may lead to cancellation/ withdrawal of LoA and, in such case, BEPC, GoB reserves the right to take any such measure as may be deemed fit by Department of Education, GoB, including annulment of the bidding process.
- c. PBG valid for the period of 3 years from the date of issue of LoA.

## 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 blacklisted 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

The following table describes 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 and non-submission of supporting documents shall be summarily rejected and will not be considered further for Technical Evaluation.

Sl	Conditions	Documents to be submitted
1	The Bidder should be a Company registered under Indian Companies Act 1956/2013 or MSCS act 2002 should be in existence from last 10 years. The Bidder should have the following Registrations: PAN Number GST Registration	a) Certificate of Incorporation/ b) GST certificate c) Copy of PAN
2	The bidder should have an average annual turnover of a minimum of INR 750 crores in the last three financial years. i.e. 2021-22, 2022-23 and 2023-24.	Audited Financial Statements of last three financial years.
3	The net worth of the bidder in the last five 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 five financial years (as per the last published audited balance sheet) i.e. 2019-20, 2020-21, 2021-22, 2022-23 and 2023-24	Copy of Balance Sheet and CA Certificate with 18-digit UDIN number.
4	The bidder must have successfully undertaken at least the following number of Similar assignments of value specified herein: - One project not less than the amount of ₹300,00,00,000/- (Rupees Three Hundred Crores Only) OR Two projects not less than the amount of Rs.	Work Order and Completion Certificate/Payment proof.



	<p>₹150,00,00,000/- (Rupees One Hundred and Fifty Crores Only)</p> <p>OR</p> <p>Three projects not less than the amount of Rs. 75,00,00,000/- (Rupees Seventy Five crores Only)</p> <p>Similar Experience assignments defined as: Supply of Smart/Digital/ICT/Educational Kit based in Government schools under Central/ State Government in last three (3) years as on bid submission date</p>	
5	The bidder must have successfully undertaken the educational project pertaining to Supply, Installation & Commissioning of Smart/Digital / ICT labs/STEM in minimum 20000 Classrooms/schools out of which 12000 classrooms in Government schools in a single project through single tender under State or Central Government in last three (3) years as on bid submission date.	Work Order and Completion Certificate/Payment proof.
6	The Bidder must have a valid ISO 9001 certificate.	Copy of Valid certificates in the name of Bidder.
7	The Bidder must have never 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 bid submission date.	Declaration on Non –Judicial Stamp paper of Rs 1000/-
8	MAF Clause: The bidder should submit the manufacturer authorization form for Digital TV, Desktop, RMS, Android Device and Microsoft for Software's.	Manufacturer Authorization Form on the OEM letterhead.
9	<p>OEM Criteria:</p> <p><b>Digital TV:</b></p> <ol style="list-style-type: none"> <li>OEM should have factory in India from 10 Years with valid manufacturing license.</li> <li>OEM should have BIS certificate with same factory address should be mentioned on certificate.</li> <li>OEM should have Branch office in Bihar from last 5 years with Technical skilled man power to manage service support.</li> <li>OEM should have supplied directly or through Integrator/ Distributors minimum 48000 TV/Display Panels together in last 3 years in India out of which minimum 24,000 devices should supply in any government department/PSU.</li> <li>OEM should have an average annual turnover of a minimum of INR 1500 crores in the last three financial years from TV/Display Panels i.e. 2021-22, 2022-23</li> </ol>	<ul style="list-style-type: none"> <li>- Copy of the factory license/COI/PAN/GST. Certificate.</li> <li>- Copy of BIS certificate.</li> <li>- GST Number and manpower undertaking on the letter head.</li> <li>- Copy of the work order.</li> <li>- CA certificate and audited balance sheets.</li> <li>- Undertaking on Compliance of GFR 144(xi) Clause.</li> <li>- Undertaking from OEM on have own manufacturing Plant with manufacturing/ Assembly facility in India.</li> <li>-</li> </ul>



	<p>and 2023-24.</p> <p>vi. OEM should have Authorized Service Centers from last 5 Years in Bihar as on Bid calling date.</p> <p>vii. Product and OEM must Comply with GFR 144 (xi) Rule.</p>	
	<p><b>Desktop:</b></p> <p>i. OEM should be existence in India with Incorporation from last 10 years in supplies of Computer/Laptops/All in One in India.</p> <p>ii. OEM should have Authorized Service Centers for the last 5 Years in Bihar as on Bid calling date.</p> <p>iii. OEM should have supplied minimum 40,000 units In India out of which 8000 Units in a single work order in last 3 years in any Government Department/PSU directly or through partners/ Integrators.</p> <p>iv. OEM should have an average annual turnover of a minimum of INR 1000 crores in the last three financial years. i.e. 2021-22, 2022-23 and 2023-24 with Positive Net Worth.</p> <p>v. OEM should have centralized helpline number (Toll-Free Number) for service call login and complaint center and proper resolution process (Escalation Matrix).</p>	<ul style="list-style-type: none"> <li>- Copy of the factory license/COI/PAN/GST</li> <li>- GST Number and manpower undertaking on the letter head for Desktop</li> <li>- Copy of the work order/Completion Certificate</li> <li>- CA certification with UDIN Number on Confirmation of Supplies of Desktop</li> <li>- Undertaking on Compliance of GFR 144(xi) Clause</li> </ul>
	<p><b>Android Device:</b></p> <p>i. OEM should be in existence from last 5 years.</p> <p>ii. OEM should have an average annual turnover of a minimum of INR 75 crores in the last three financial years. i.e. 2021-22, 2022-23 and 2023-24.</p> <p>iii. OEM should have supplied directly or through Integrator/ Distributors Min 20,000 of Android Devices/Android notebooks in India out of which minimum 10000 devices should have supplied single project in schools last 3 years in any government department/PSU.</p> <p>iv. Device must be made in India.</p>	<ul style="list-style-type: none"> <li>- COI/ PAN/GST Certificate</li> <li>- Copy of the work order/ Completion certificate.</li> <li>- CA certificate with UDIN audited balance sheet.</li> </ul>
	<p><b>MDM/RMS (Remote Device Management)</b></p> <p>i. OEM should be in existence from last 5 years.</p> <p>ii. OEM should have supplied directly or through Integrators Minimum 20,000 DMS / RMS / MDM licenses in India out of which minimum 10,000 of DMS / RMS / MDM licenses in single order for Devices/ Schools in for schools</p>	<ul style="list-style-type: none"> <li>- COI/ PAN/GST Certificate</li> <li>- Copy of work order/ Completion certificate.</li> </ul>

	Education last 3 years in any government department/PSU.	
10	Bidder must submit the samples as per the scope of work.	All the BOQ Samples to be submitted including Digital TV, Android box and RMS/DMS login details. The above needs to be submitted before the last date of bid submission
11	Consortium is not allowed under this assignment	

**Note: -**

- Samples (i.e.1 Set consisting of all items) along with the associated software, shall be submitted by the bidder on or before bid submission date and time.
- Non-submission of samples will lead to disqualification of bid.
- Sample will be returned all successful bidder after the delivery of materials at destination points whereas it will be returned to all disqualify bidder after the finalization of tender process.

**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, if required. 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 proposal only will be used for evaluation. Only the bidders, who score a technical score of more than 70 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 an average annual turnover of a minimum of INR 750 crores in the last three financial years. i.e. 2021-22, 2022-23 and 2023-	More Than ₹ 750Cr	5	10
		More Than ₹ 1000 Cr.	10	



## Request for Proposal (RFP) for Procurement, Supply and Installation of Smart Classrooms for Government Schools in Bihar

	24.			
2	The bidder must have successfully undertaken at least the following numbers Supply of Supply of Smart/Digital/Educational lab comprising of TV/IFP based in Government schools under Central/ State Government in last three (3) years as on bid submission date	Single project of more than 300 Cr. or Two Projects of More Than 150 Cr. or Three Projects of More Than 75 Cr.	5	10
		The cumulative of three projects of more than 350 Cr.	10	
3	The bidder must have successfully undertaken the educational project pertaining to Supply, Installation & Commissioning of Smart/Digital / STEM in minimum 12000 classrooms in Government schools in a single project order under State or Central Government in last three (3) years as on bid submission date.	More than 12000 classrooms	5	10
		More than 14000 classrooms	10	
4	Digital TV OEM should have an average annual turnover of a minimum of INR 1500 crores in the last three financial years. i.e. 2021-22, 2022-23 and 2023-24.	More than 1500 Cr	5	10
		More than 1700 Cr	10	
5	Desktop OEM should have supplied minimum 8000 Units of Desktop/Laptop/All in One in a single work order to of in last 3 years in any Government Department/PSU directly or through partners/ Integrators.	More than 8000 nos	5	10
		More than 10000 nos	10	
6	Android Device/Notebook OEM should have supplied directly or through Integrators Minimum 10,000 in single order in devices/ schools last 3 years in any government department/PSU.	More than 10000 nos	5	10
		More than 12000 nos	10	
7	OEM should have supplied directly or through Integrators Minimum 10,000 of MDM/RMS/DMS licenses in single order in devices/ schools last 3 years in any government department/PSU.	More than 10000 nos	10	15
		More than 12000 nos	15	
8	Sample Demonstration (POC) Demo of the samples of all items to be submitted and Agency/ Firm will be invited for the demonstration also.	Quality of Sample Submission		25
<b>Total</b>				<b>100</b>

Note: -

- To qualify for the technical evaluation stage, the bidder must score a minimum of 70 marks.
- Only those bidders, who qualify in the technical qualification criteria (with minimum 70 marks) and final acceptance of 100% sample items, will qualify for the evaluation of their commercial bids.

#### 4.3 Financial Bid Evaluation

- The Financial bids of 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".
- Bidders will quote item wise rates (all items) in BOQ, if there is no price quoted for any item/items/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.
- Lowest Cost Based Selection (L1) Method shall be used to select the bidder.
- BEPC reserves the right to split the work on L1 rate among L1 & L2 or L1, L2 & L3 bidder.

#### 4.4 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 rate will be valid initially for a period of one year and extendable for a further period of one more year under mutual consent of awardee and BEPC at the same terms and conditions.
- g. As per approved rate, BEPC reserves the right to issue orders during the rate validity period for more quantities with mutual consent/agreement.
- h. Payment will release after delivery of the product.
- i. The EMD of unsuccessful bidder will be returned within 15 days of selection of the Agency whereas EMD of successful bidder will be returned within 15 days after the submission and verification of Performance Bank Guarantee.
- j. The clause related to the local purchase preference policy 2024 may be included.

#### **4.5 GENERAL EVALUATION ELABORATION**

An evaluation committee so constituted by the BEPC will evaluate the bids as per the following pattern:

- a. Conditional bids shall be summarily rejected.
- b. Evaluation committee will examine the bids to determine whether they are complete, whether any computational errors have been made, and whether the bids are generally in order.
- c. Arithmetical errors will be rectified on the following basis: If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If the Bidder does not accept the correction of the errors, his bid will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.
- d. The 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.

- e. The Tenderer may conduct clarification meetings with each or any bidder to discuss any matters, technical or otherwise.
- f. 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 at School locations of Education Department across the Bihar, or any of the locations as per the requirement within Bihar. BEPC shall made available the details regarding all destination point with Nodal Officer name and contact number where selected agency shall supply and installation of Smart Classrooms.
- II. Timeline for the supply is 180 days from the date of issue of PO/Agreement.
- III. The rate will be for a period of one year from the completion of this project.
- IV. Consolidated price along with item wise price for smart classroom shall be quoted as indicated in the BOQ as per technical specifications.
- V. Detailed specifications are followed in Annexure 1.
- VI. 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 validity period.
- VII. BEPC, GoB reserves the right to accept or reject any or part of the offers without assigning any reasons.
- VIII. The procurement, supply and installation of Smart Classrooms should be done within 180 days from the date of issue of PO/Agreement and in case of any delay in delivery, penalty will be charged as per rules.



- IX. The quantity of items can be increased or decreased as per requirements and GFR Rule.
- X. The procurement, supply and installation of Smart Classrooms 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. Materials supplied shall be of high quality.

**6. PAYMENT SCHEDULE AND PENALTY:**

**6.1 For Equipment Supply and Installation**

**Payment will be released after the satisfactory receipt of material at School Level. BEPC will provide details of locations for supply and designated Nodal person.**

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 0.5% per month of the undelivered items/value.

However, supply of at-least 20% quantity of materials (even single or more line item) against the purchase order will be completed and submission of bill along with delivery challan, the payment of 90% amount against that bill amount shall be released. The remaining 10% amount will be paid after completion of work and obtaining the verification report from the concerned districts officials.

**Note:**

1. Payment will be as per GFR.
2. All payment to the Agency will be made in Indian Rupees.
3. GST components shall be paid as applicable and as per actuals.
4. No advance payment will be made
5. 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.

**7. 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.

## 8. 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 15 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 15 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) Serious discrepancy and delay in delivery of services or the performance levels agreed upon, which might have an impact on the functioning of the Department.
- h) Failure of the vendor mobilize manpower, follow local laws, clumsy execution of work, and total disregard to public safety and its own employees.
- i) 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. **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.

V. **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 endeavor 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.

**VI. 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.

Note:- Blacklisting/Debarment of the vendor shall be natural consequence of the termination. The Blacklisting/Debarment shall be for such a period as may be specified by the Department. Provided that before placing the vendor in the blacklist, with or without the termination of the contract, the Department shall issue a notice given 15 days of time to the vendor.



**Annexure-1****Technical Specifications****Smart Classrooms for Government Middle Schools in Bihar****Quantity:**

Sl.	Type of School	Total No. of Schools	No. of Classroom per School	Total Smart Classrooms
1.	Middle Schools	25000	2	50,000
<b>Total</b>				<b>50,000</b>

**Bill of Materials:**

SL No.	Items	Quantity per Classroom
1	Digital TV	01
2	Desktop	01
3	Commissioning of Electrification, UPS Backup, and Digital TV Accessories	01

**Technical Specifications:****1. Digital TV**

Sl. No	Parameter	Specification
1	Diagonal Size	65" or higher Commercial Grade TV
2	Panel Type	E-LED/Direct LED or better
3	Resolution	3840*2160 (4K UHD) or better
4	Dynamic/Native Contrast Ratio	1100:1 or Higher
5	Viewing Angle(H/V)	178:178
6	Display Colour	16.7 M or High
7	Audio	Built in Speakers minimum 20 W or Higher Output
8	Input Type	HDMI x 3 or more
		HDCP 1.4 / 2.2
		USB (1), RF Port -1
9	Duty Cycle	16x7 Hr
10	Required Features	USB port lock
		OEM should have own Operating System.
		OTT apps (Netflix, Prime, Hotstar etc.,) should not be preloaded with OS.
11	File Support	Direct viewing of Images and Video from pen drive
12	External Control	RJ45, Wi-Fi 5, Bluetooth supported
13	Power Consumption (Typical)	200W or lower
14	Standby Mode Power	Consumption should be less than 0.5W
15	Product Safety Certifications	CE, UL/CB, BIS, ROHS/EMC- Class B
16	Factory Certification	TV OEM should have owned Factory BIS, ISO:9001, ISO:14001. ISO 45001
17	Make In India	Yes



18	OEM IDC/ Omedia Ranking	TV OEM must be in top 3 in 2024 sales of TV/Displays sales in India as per IDC/Omedia Report
19	Warranty	3 Years on-site warranty Additional 2 Years Standard Warranty

**2. Desktop**

S.NO	Features	Final
1	Processor	Minimum x86 architecture or higher 64- bit processor with minimum 4 cores with 2.2 GHz or higher base clock frequency and minimum 8 MB cache or higher.
2	Motherboard	Compatible Motherboard make from the same Desktops OEM (OEM logo must be embossed/Printed on the motherboard)
3	Memory	Minimum 8 GB, DDR4 or Higher expandable up-to minimum 32 GB.
4	Hard Disk	512 GB SSD NVMe or Higher
5	Monitor	Minimum 19.5" with Minimum resolution of 1600 x 900 or higher. Monitor must TCO and Energy Star Certified
6	Ethernet	Integrated Gigabit 10/100/1000.
7	Wi-Fi	Integrated Wi-Fi 5 and Bluetooth 4.0 or Higher
8	Mouse	USB Optical Wired Mouse
9	Keyboard	USB Wired Keyboard
10	Ports	Minimum 6 Ports or more (including minimum 2 x USB 3.1 Type A or higher and 1 x 1 USB 3.1 Type A/Type C port or higher), 1 x HDMI Port, 1 x Display Port/VGA Port 1 x RJ45 Port and 1 x Universal audio port
11	Operating System	Microsoft Windows 11 under STF (Product key should be embedded in BIOS or OEM recovery DVD or option of cloud recovery)
12	Software	MS office A3 with Microsoft Authorisation
13	Cabinet	Any Form Factor (Micro/Mini/Small/ Tower)
14	Power supply	Compatible Power Supply
15	Certifications	FCC, CE, Energy star, RoHs, UL/MET, ISO 9001, 14001 and 27001 and Windows 11 certification for the quoted model
18	OEM Ranking	Desktop OEM must be in top 5 in 2024 sales of PC sales in India as per IDC Report
19	OEM and Product Compliance	OEM should comply with GFR- 144(xi) (land border clause)
20	Warranty	3 Years On-Site Standard Warranty

**3. Commissioning of Electrification, UPS Backup, and Digital TV Accessories****3 (a) Android Device**

Sl.	Parameter		Description
1	CPU	Chipset	S905W2 or better
		Architecture	Quad Core ARM Cortex A35 or better
2	GPU RAM	Chipset	Mali-G31 MP2
		Capacity	2GB or higher



Request for Proposal (RFP) for Procurement, Supply and Installation of Smart Classrooms for Government Schools in Bihar

3	ROM	Capacity	16GB or higher
4	External storage	USB Storage	Supported
		Memory Slot	Micro SD up to 256 GB Supported
Software			
5	OS	OS Version	Android 11 Multi version
6	Multimedia	Video	Video Decoder:AV1 MP-10 @ L5.1 up to 4Kx2K @ 60fps VP9 Profile-2 up to 4Kx2K@60fps;H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps;H.264 AVC HP@L5.1 up to 4Kx2K@30fps;MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496);WMV/VC-1 SP/MP/AP up to 1080P@60fps;MPEG-2 MP/HL up to 1080P@60fps (ISO-13818);MPEG-1 MP/HL up to 1080P@60fps (ISO-11172);Supports JPEG thumbnail, scaling, rotation and transition effects, Multiple language and multiple format sub-title video support, Supports *.mkv,*.wmv,*.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso,*.mp4, *.rm and *.jpg file formats
Network service			
7	Network service	Frequency	Option:2.4G or 5G
		Antenna Type	Inside antennas
8	Bluetooth	Bluetooth	Option
Interface			
9	Charge	DC connector	DC IN(5V/2A)
10	Video output	HDMI	4K*2K UHD Output, HD 2.1
11	OPTICAL	OPTICAL	Digital Audio output
12	USB port	USB host	2*USB 2.0
13	Ethernet	Ethernet	100M Ethernet
14	Certifications	BIS	BIS Certificate, Made in India
15	Warranty	On Site	3 Years Warranty

### 3 (b) Remote Management System (RMS):

The RMS shall have following features with 5 years Subscription and support -

- The tool to manage devices, data security, push device policies, push custom apps, and reports, management of applications and devices, for example, white list or blacklist applications, and URLs, control device functionality such as Bluetooth, WiFi, Brightness.
- Admin portal to manage devices remotely to enroll, deploy and configure all devices, applications and security policies.
- Remote actions like device lock and remote wipe.
- Install or upgrade applications remotely.
- Features for admin to remotely send notifications in group and subgroup levels.
- Remote enable / disable device count.
- License validity should be 3-year, with renewal on subscription basis with Technical Support.

### 3©. UPS along with Electrification:

Line Interactive UPS	
Capacity	1000VA
Technology	MOSFET-PWM

Input	Voltage Range	140V-300VAC $\pm$ 5%
	Frequency	50Hz $\pm$ 10%
	Input cord length	1.2 meter 3 pin Power cord
Output	Voltage (Batt Mode)	230V AC Nominal
	Frequency (Batt Mode)	50Hz $\pm$ 1Hz
	Waveform (Batt. Mode)	Modified Sinewave
	Transfer Time	Typical 4-8ms
	PF	0.6
	output Socket	3 Nos, Three pin Indian Sockets
Battery	Battery Type	SMF (Sealed Maintenance Free)
	AC Voltage Regulation (Batt. Mode)	$\pm$ 10%
	Frequency Range (Batt. Mode)	50 Hz $\pm$ 1 Hz
	DC V / AH / NOS.	12V / 7AH x 2 Batteries
	Transfer Time	Typical 4-8 ms (13 ms maximum)
	Waveform (Batt. Mode)	Simulated Sine Wave
	Recharge Time (Typ.)	6 Hrs to 90% after complete discharge
Environment	0°-40°C, 0-90% RH Non-Condensing Noise Level <45dB	
Warranty	2 Years on UPS and 1 Years on Battery	
Degree of Protection	IP-20	
Safety	BIS	
Certification	ISO 9001, ISO 14001, ISO 14025, ISO/IEC 20000-1, ISO 50001, ISO 45001,ITL9000, CE, ROHS, FCC and E-waste Certificate from CPCB	
Feature		
Boost and Buck AVR - Ultimate Voltage Stabilization.		
Protection against Overload, Discharge/ Overcharge.		
Auto Restart while AC is recovering.		
Generator Compatibility Option.		
Cold Start Function.		
Blinking Light for charging indications.		

**3.4 (d) Electrification:** Success bidder should provide necessary Electrification to UPS, Computer and Digital TV in every smart classroom with ISI Standard Cables with PVC Pipe Protection, Switches and Switch Boards.



**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: etenderbepc@gmail.com

Sir,

**Ref: - Request for Proposal (RFP) for the procurement, supply and installation of Smart Classrooms.**

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 <https://eproc2.bihar.gov.in>
- c. Bidder shall submit, along with their bids, EMD of Rs. XXXXXXXXX/- (Rupees XXXXXXXXXXXXX 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



**ANNEXURE – 3: Experience as per Scope**

Sl	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 evidence as per the eligibility and technical evaluation criteria.
- Non-disclosure of any information in the schedule will result in dis-qualification 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)

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

**Sub: - Request for Proposal (RFP) for the procurement, supply and installation of Smart Classrooms**

Sir,

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 or blacklisted from participating in any Bid.

Our Financial Quote for the for Request for Proposal (RFP) for the procurement, supply and installation of Smart Classrooms, BEPC, GoB Bihar, Patna is INR (in figures) XXXXXXXXXXXXX (INR XXXXXXXXXXXXX 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.

Name

Sincerely,

Name of the Firm/Agency

Designation and Address

Mobile and Email

Date: -

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



**ANNEXURE – 5: Financial Bid Format**

**Financial Quote for the supply and installation of Smart Classrooms as per BOQ in Annexure-1.**

S. No	Particulars	Total Quantity	Rate per Unit/Pc	GST	Total Price Per Unit Including GST	Total Price Including GST
1	2	3	4	5	6 = 4+5	7 = 3 X 6
1.	Digital TV	50,000				
2.	Desktop	50,000				
3	Commissioning of Electrification, UPS Backup and Digital TC Accessories	50,000				
<b>Total</b>		<b>50,000</b>				

**Note:**

-GST shall be payable at the prevailing rates.

-The bidder needs to quote all the items, failing which bid is liable to be rejected.



### ANNEXURE 6 : FORMAT FOR EMD

Whereas ..... (Hereinafter called "the Bidder") has submitted its bid dated ..... for Bihar Education Project Council RFP **Reference No.** ..... **dated** ..... **for** ..... **(Project Name).**

KNOW ALL MEN by these presents that WE ..... OF ..... Having our registered office at ..... (Hereinafter called "the Bank") are bound unto The STATE PROJECT DIRECTOR-BEPC (hereinafter called "the Purchaser") in the sum of INR ..... /- (..... Only) for which payment will and truly to be made of the said Purchaser, the Bank binds itself, its successors and assigns by these present.

THE CONDITIONS of the obligation are:

1. If the Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid form or
2. If the Bidder, having been notified of the acceptance of his bid by the Purchaser during the period of bid validity

- (a) **Fails or refuses to execute the Contract, if required; or**
- (b) **Fails or refuses to furnish the Performance Security, in accordance with the instructions to Bidders.**

We undertake to pay to the Purchaser up to the above amount upon receipt of its first written demand, without the purchaser having to substantiate its demand, provided that in its demand, the purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to ..... and any demand in respect thereof should reach the Bank not later than the specified date/dates.

witness  
Address of witness

Signature of the Bank  
Authority. Name  
Signed in Capacity of Name & Signature of  
Full address of Branch  
Tel No. of Branch  
Fax No. of Branch

VS

W

## ANNEXURE 7: FORMAT FOR PBG

To  
The State Project Director,  
Bihar Education Project Council (BEPC),  
Shiksha Bhawan, Saidpur-800 004. (BIHAR)

Whereas Bid ..... (hereinafter called "the Bidder") has submitted its Bid dated ..... (date of submission of Bid) for " ..... (Name of Project) in consonance with the RFP Reference No. BEPC/..... Dated ..... (e-Tender No. ....)) issued by the BEPC, Patna, (hereinafter called "the Bid"].

Whereas as per RFP Clause 3.22 of the Bid, the bidder is required to furnish a Bank Guarantee as Performance Security from a scheduled bank (Bank Guarantee).

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

NOW THIS GUARANTEE WITNESSED:-

1. If the Bidder

having been notified of the acceptance of its Bid by the State Project Director, Bihar Education Project Council (BEPC), Patna

(a) during the period of Bid Proposal validity:

(b) fails to perform as per the contract obligations

The Guarantor Bank shall immediately on demand pay the State Project Director, Bihar Education Project Council (BEPC), Patna, without any demur and without the State Project Director, Bihar Education Project Council (BEPC), Patna having to substantiate such demand a sum of Rs. .... ( -----) only (Guaranteed Amount).

2 The Guarantor Bank will make the payment of the Guaranteed Amount forthwith on the demand made by the State Project Director, Bihar Education Project Council (BEPC), Patna notwithstanding any objection or dispute that may exist or arise between the State Project Director, Bihar Education Project Council (BEPC), Patna, and the Bidder or any other person.

3 The demand of the State Project Director, Bihar Education Project Council (BEPC), Patna on the Guarantor Bank for the payment of the Guaranteed Amount, shall be deemed as the final proof of fulfilment of the conditions stipulated in (1) above,

4. This Guarantee shall be irrevocable and shall not be discharged except by payment of the above amount by us to the State Project Director, Bihar Education Project Council (BEPC), Patna and our liability under this Guarantee shall be restricted to the Guaranteed Amount being Rs. ....( ) only.



5. If it is necessary to extend this Guarantee on account of any reason whatsoever, we undertake to extend the period of this Guarantee on the request of the Bidder under intimation to the State Project Director, Bihar Education Project Council (BEPC), Patna.

6. To give full effect to the Guarantee contained herein, the State Project Director, Bihar Education Project Council (BEPC), Patna shall be entitled to act as if the Guarantor Bank is the principal debtor in respect of claims against the Bidder and the Guarantor Bank hereby expressly waives all its rights of suretyship and other rights, if any, which are in any way inconsistent with any of the provisions of this Guarantee.

7. Any notice by way of demand or otherwise may be sent by special courier, telex, fax, registered post or other electronic media to our address as afore-said and if sent by post, shall be deemed to have been given to us after expiry of 48 hours when the same has been posted.

8. Our liability under this Guarantee will continue to exist until a demand is made by the State Project Director, Bihar Education Project Council (BEPC), Patna in writing up to dated ....., and any demand in respect thereof should reach the Bank not later than the above date.

Dated ..... this ..... day .....

Yours faithfully,

For and on behalf of the ..... Guarantor Bank,

(Signature)

Designation

(Address and Common Seal of the bank)

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

