

बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	13-03-2026 19:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	13-03-2026 19:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Bihar
विभाग का नाम/Department Name	Education Department Bihar
संगठन का नाम/Organisation Name	Bihar Education Project Council (bepc)
कार्यालय का नाम/Office Name	Patna
वस्तु श्रेणी /Item Category	Custom Bid for Services - Engagement of Implementation Partner for Education Quality Enhancement in Selected 47 Government Elementary Schools across 20 districts in Bihar under PM SHRI
समान श्रेणी/Similar Category	<ul style="list-style-type: none">Design Installation and Maintenance of Educational Lab/Centre
अनुबंध अवधि /Contract Period	1 Year(s)
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)	1000 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	5 Year (s)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Relaxation for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Relaxation for Years of Experience and Turnover	No

बिड विवरण/Bid Details	
विक्रेता से मांगे गए दस्तावेज़/ Document required from seller	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेन् है/ Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	1
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
बिड से रिवर्स नीलामी सक्रिय किया/ Bid to RA enabled	Yes
रिवर्स नीलामी योग्यता नियम/ RA Qualification Rule	H1-Highest Priced Bid Elimination
बिड का प्रकार/ Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय / Time allowed for Technical Clarifications during technical evaluation	2 Days
मूल्यांकन पद्धति/ Evaluation Method	Total value wise evaluation
मूल्य दर्शाने वाला वित्तीय दस्तावेज ब्रेकअप आवश्यक है / Financial Document Indicating Price Breakup Required	Yes
मध्यस्थता खंड/ Arbitration Clause	No
सुलह खंड/ Mediation Clause	No

ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईएमडी राशि/EMD Amount	5000000

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) / ePBG Percentage (%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) / Duration of ePBG required (Months).	14

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने है। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

लाभार्थी /Beneficiary :

State Project Director
Shiksha Bhawan, Saidpur, Rajendra Nagar Patna - 800004
(Bihar Education Project Council)

विभाजन/Splitting

विभाजन/Splitting Applied	Yes
बोलीदाताओं की अधिकतम संख्या, जिनके बीच ऑर्डर विभाजित किया जा सकता है। / Maximum No. Of Bidders Amongst Which Order May Be Split	3
विभाजन मानदंड इस बात पर आधारित है कि कौन सी क्वांटिटी को वितरित किया जाएगा / Split Criteria based on which quantity will be distributed	60:40 ratio in case of L1 and L2 bidder 50:25:25 ratio in case of L1, L2 and L3 bidder

एमआईआई अनुपालन/MII Compliance

एमआईआई अनुपालन/MII Compliance	Yes
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एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	No
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
2. Years of Past Experience required: The bidder must have experience for number of years as indicated above in

bid document (ending month of March prior to the bid opening) of providing similar type of services to any Central / State Govt Organization / PSU. Copies of relevant contracts / orders to be uploaded along with bid in support of having provided services during each of the Financial year.

3. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

4. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

एक्सेल में अपलोड किए जाने की आवश्यकता /Excel Upload Required :

Financial Breakup - [1771590107.xlsx](#)

अतिरिक्त योग्यता /आवश्यक डेटा/Additional Qualification/Data Required

Introduction about the project /services being proposed for procurement using custom bid functionality:[1771590141.pdf](#)

Instruction To Bidder:[1771590154.pdf](#)

Pre Qualification Criteria (PQC) etc if any required:[1771590161.pdf](#)

Scope of Work:[1771590166.pdf](#)

Payment Terms:[1771590171.pdf](#)

Penalties:[1771590175.pdf](#)

Quantifiable Specification / Standards of The Service/ BOQ:[1771590188.pdf](#)

Project Experience and Qualifying Criteria Requirement:[1771590194.pdf](#)

GEM Availability Report (GAR):[1771590274.pdf](#)

Undertaking of Competent Authority is mandatory to create Custom Bid for Services. Please download standard format document and upload:[1771590780.pdf](#)

Pre Bid Detail(s)

मूल्य भिन्नता खंड दस्तावेज़/Pre-Bid Date and Time	प्री-बिड स्थान/Pre-Bid Venue
25-02-2026 13:00:00	VC link - https://meet.google.com/tnt-yoee-kzs e-mail: etenderbepec@gmail.com

Custom Bid For Services - Engagement Of Implementation Partner For Education Quality Enhancement In Selected 47 Government Elementary Schools Across 20 Districts In Bihar Under PM SHRI (1)

तकनीकी विशिष्टियाँ /Technical Specifications

विवरण/ Specification	मूल्य/ Values
कोर / Core	
Description /Nomenclature of Service Proposed for procurement using custom bid functionality	Engagement of Implementation Partner for Education Quality Enhancement in Selected 47 Government Elementary Schools across 20 districts in Bihar under PM SHRI
Regulatory/ Statutory Compliance of Service	YES
Compliance of Service to SOW, STC, SLA etc	YES
एडऑन /Addons	

क्रेता द्वारा निर्धारित न्यूनतम मूल्य/Minimum Floor Price defined by Buyer

क्रेता द्वारा निर्धारित न्यूनतम मूल्य/Minimum Floor Price defined by Buyer	No
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अतिरिक्त विशिष्ट दस्तावेज /Additional Specification Documents

प्रेषिती/रिपोर्टिंग अधिकारी /Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	Quantity	अतिरिक्त आवश्यकता /Additional Requirement
1	Shahjahan	800004,Shiksha Bhawan Campus of Rashtrabhasha Parishad, Saidpur Rajendra nagar , Patna	Project / Lumpsum Based	N/A

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

1. Generic

OPTION CLAUSE: The buyer can increase or decrease the contract quantity or contract duration up to 25 percent at the time of issue of the contract. However, once the contract is issued, contract quantity or contract duration can only be increased up to 25 percent. Bidders are bound to accept the revised quantity or duration

2. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Any ATC clause in contravention with GeM GTC Clause 4 (xiii)(h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
16. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
17. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

This Bid is governed by the [सामान्य नियम और शर्तें/General Terms and Conditions](#), conditions stipulated in Bid and [Service Level Agreement](#) specific to this Service as provided in the Marketplace. However in case if any condition specified in सामान्य नियम और शर्तें/General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement, then it will over ride the conditions in the General Terms and Conditions.

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---

GeM Bid Reference No. BEPC/PMSHRI-ELE/ 2025-26/.....1059....., Dated20/02/2026



Request for Proposal (RFP)

For

Engagement of Implementation Partner for Education Quality Enhancement in Selected 47 Government Elementary Schools across 20 districts in Bihar under PM SHRI

(Through <https://gem.gov.in>)

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



**PM
SHRI**
Creating holistic and well-rounded individuals
equipped with key 21st Century skills

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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 it 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 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.

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Engagement of Implementation Partner for Education Quality Enhancement in Selected 47 Government Elementary Schools across 20 districts in Bihar under PM SHRI

GLOSSARY

Abbreviation/ Terms	Details
Authorized Signatory	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.
BEPC	Bihar Education Project Council (BEPC),
Bid	A formal offer made in pursuance of an invitation by a procuring entity and includes any tender, proposal or quotation in electronic format
Bid Security/ Earnest Money Deposit (EMD)	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.
Bidder	Any person/ firm/ Agency/ company/ contractor/ vendor participating in the bidding process with the procurement entity
Bidding Document	Documents issued by the procuring entity, including any amendments thereof, that set out the terms and conditions of the given procurement and includes the invitation to bid
Competent Authority	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, BEPC, Department of Education, GoB shall be the Competent Authority in this bidding document.
Contract	"Contract" means a legally enforceable agreement entered into between the Procuring entity and the selected bidder(s) with mutual obligations.
LD	Liquidated Damages
LoA	Letter of Acceptance
LoI	Letter of Intent
PAN	Permanent Account Number
PQ	Pre-Qualification
Procurement Process	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
Purchaser/ Tendering Authority/ Procuring Entity	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.
Services	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
Service Level Agreement (SLA)	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.
State Government	Government of Bihar (GoB)
GST	Goods and Service Tax
WO/ PO	Work Order/ Purchase Order

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Engagement of Implementation Partner for Education Quality Enhancement in Selected 47 Government Elementary Schools across 20 districts in Bihar under PM SHRI

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/PMSHRI-ELE/2025-26/ ...1059., Dated .20../02/2026. Available for download from .20../02/2026, 05:00 PM onwards till ...13../03/2026, 4:00 PM on https://gem.gov.in
3	Last date for submission of written queries for clarifications	.25../02/2026, 01:00 pm Email: etenderbepec@gmail.com
4	Date of pre-bid conference	.25../02/2026, 2:00 pm at through online mode Google Meet joining info Video call link: https://meet.google.com/tnt-yoeec-kzs e-mail: etenderbepec@gmail.com
5	Release of response to clarifications	..27../02/2026, 5:00 PM
6	Last date of submission of bid i.e. Proposal Due Date	..13../03/2026, 5:00 PM
7	Last date of submission of Hard copy of BG at BEPC	..13../03/2026, 5:00 PM
8	Opening of Technical Bids	..13../03/2026, 5:30 PM
9	Opening of Financial Bids	To be intimated
10	Contact person for queries	The Administrative Officer, Bihar Education Project Council, Shiksha Bhawan, Bihar Rashtra Bhasha Parishad Campus, Saidpur - 800 004, e-mail: etenderbepec@gmail.com

Note: BEPC reserves the right to amend documents for RFP, schedules, and critical dates. It is sole responsibility of bidder to check <https://gem.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.

1. REQUEST FOR PROPOSAL

State Project Director, Bihar Education Project Council (BEPC), Patna invites Request for Proposal (RFP) for Engagement of Implementation Partner for Education Quality Enhancement in Selected 47 Government Elementary Schools Across Bihar under PM SHRI from interested agencies. The bids comprising mandatory compliance along with technical bids and price bids shall be submitted on <https://gem.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 documents regarding Technical Qualification Criteria 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://gem.gov.in>

2. BACKGROUND INFORMATION

The Bihar Education Project Council (BEPC), an autonomous body under the Education Department, Government of Bihar, has been entrusted with the implementation of *Samagra Shiksha & PM SHRI*—a holistic and integrated school education programme aligned with the vision of the National Education Policy (NEP) 2020.

BEPC now aims to develop 47 elementary schools under PM-SHRI scheme to equipped with high-quality infrastructure, modern pedagogical approaches, and technology-enabled solutions through Engaging Implementation Partner. These schools are envisioned to deliver inclusive and

■ **Engagement of Implementation Partner for Education Quality Enhancement in Selected 47 Government Elementary Schools across 20 districts in Bihar under PM SHRI**

holistic education while fostering innovation, sustainability, and critical thinking among students. They will serve as benchmarks for educational excellence across the state.

In line with these objectives, the selected agency will be responsible for implementing the transformation of identified schools as per BEPC's directives. The agency shall focus on enhancing the physical, academic and digital environments of the schools through modern infrastructure development, the adoption of innovative teaching-learning methodologies and the integration of appropriate technology. The execution of this mandate will require strict adherence to project timelines, compliance with statutory requirements, and transparency in all operational processes. Continuous monitoring, capacity building of school staff, and robust post-implementation support will be essential to ensure long-term sustainability and impact.

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 Financial Proposal
- b) Please Note that prices should not be indicated in the Technical Proposal but should only be indicated in the Financial Proposal. Financial bid format is available on <https://gem.gov.in> and has to be submitted online through the GeM portal only. Submission of Technical Proposal and Financial Proposal except the original copy of BG/DD (in case of EMD) in hard copy will lead to rejection of the submitted bid.
- 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://gem.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 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

- a) 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.
- b) 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.
- c) 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 SUBCONTRACTING

Subcontracting is not allowed in any form of this bid. Subcontracting includes the following:

- Assignment or transfer the work to any third party.

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Engagement of Implementation Partner for Education Quality Enhancement in Selected 47 Government Elementary Schools across 20 districts in Bihar under PM SHRI

- Any arrangement where a third party directly invoices or bills to the BEPC.
- Any arrangement allowing a third party to communicate, negotiate, or contract directly with the BEPC.
- Any arrangement where a third party acts as or represents itself as the contractor for this bid.

The Successful bidder shall remain fully responsible and accountable to the BEPC for all obligations, deliverables, performance, quality, timelines, and compliance under this bid.

3.6 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 within such date as specified in RFP Time Schedule. At its sole discretion, BEPC, Department of Education, GoB will upload its response to such queries on the website <https://gem.gov.in>. Bidders requiring specific points of clarification may communicate with the BEPC, Department of Education, GoB during the specific period using the following format. The queries can be submitted by email at etenderbepec@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				

3.7 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

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bidder, amend the RFP by the issuance of Addenda. Such Addenda would be posted on the website <https://gem.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.

3.8 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.

3.9 VALIDITY OF PROPOSAL

- i. The Proposal must be valid for a period of not less than 180 days from the Proposal Due Date i.e. Last Date of Bid Submission. BEPC, Department of Education, 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.

3.10 BID SECURITY

- i. Bidders shall submit, along with their Bids, EMD of INR 50,00,000/- (Rupees Fifty Lakh) only through Online Payment or in the form of Bank Guarantee or Demand Draft issued by any Scheduled bank. EMD will be valid till 30.05.2026 (Bank Details: State Project Director - BEPC, A/c No. 245001000002776, IFSC Code - IOBA0002450)
- ii. The bid / proposal submitted without EMD, mentioned above, will be summarily rejected.

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iii. "Special Category of enterprises" means a Micro and Small Enterprises (MSEs) situated and operated in Bihar and acknowledged with Udyam Registration including Start-ups (as defined in Bihar Start-up Policy 2022 (as amended from time to time). Special Category of enterprises in Bihar shall be given preferential treatment as tender sets shall be made available free of cost and exemption from payment of earnest money deposit/bid security to Special Category of Enterprises.

iv. "Special Category of enterprises" as mentioned in "Bihar Purchase Preference Policy 2024" such as Micro, small and start up Enterprises situated and operated in Bihar and acknowledged with Udyam Registration for doing similar work are exempted from the payment of EMD, as per Government policy, subject to submission of valid document and registration certificate with the bid.

(a) Micro and Small Enterprises (MSEs) situated and operated in Bihar and acknowledged with Udyam Registration.

(b) Start-ups (as defined in Bihar Start-up Policy 2022 as amended from time to time).

Provided further that the special category of enterprises fulfil the following criteria: (i) Not declared ineligible under the extant policies of the State, (ii) Quality of goods and services produced is sufficiently good for the purpose.

v. The Bid Security shall be returned to the unsuccessful Bidders within a period of 15 Days from the date of issue of LoA 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 at any stage of Project in any material respect.
- d. If the bidder, after the award of work order, fails to submit the performance security within the stipulated time.
- e. If Bidder practices unethical practices, any engagement in corrupt, fraudulent, collusive, cartelization, coercive, or obstructive practices during the project stage

3.11 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 BEPC, GoB 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.







3.12 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 Rashtra Bhasha Parishad Campus,
Saidpur - 800 004. e-mail: etenderbepc@gmail.com**

3.13 FORMAT AND SIGNING OF PROPOSAL

- a) 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.
- b) The Proposal must include submissions to be made on the respective Proposal Due Date as set out in RFP Time Schedule or in Corrigendum/Addendums time to time.
- c) The designated/authorized person(s) signing the Proposal must initial all the alterations, omissions, additions, or any other amendments made to the Proposal.

3.14 MODIFICATION/SUBSTITUTION/WITHDRAWAL OF PROPOSAL

- a) 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.
- b) 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.
- c) 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 while Bidders who availed EMD relaxation in case of "Special

Category of enterprises" as mentioned in "Bihar Purchase Preference Policy 2024" such as Micro, small and start up Enterprises situated and operated in Bihar and acknowledged with Udyam Registration for doing similar work, such "Special Category of enterprises" will be declared as blacklisted.

3.15 PROPOSAL DUE DATE

- a) Proposals must be submitted as per information provided in this RFP and advised to follow the corrigendum's / Addendum if any published time to time.
- b) 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.

3.16 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 as specified in the RFP document.
 - b) Are found with suppression of details.
 - c) With incomplete information, undertakings, subjective, conditional offers and partial offers submitted.
 - d) Submitted without the all documents requested in the mentioned anywhere in RFP.
 - e) Have non-compliance with any of the clauses stipulated in the RFP.
 - f) With lesser validity period.
- 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 defined in this RFP document. The

decision of the Committee will be final in this regard.

- 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 BEPC, GoB in respect of such Proposal.

3.17 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 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.

3.18 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.

3.19 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.

3.20 DECLARATION OF SUCCESSFUL BIDDER

Upon acceptance of the Proposal of the tenderer technically qualified LCS (Least Cost Based Selection) criteria, BEPC, GoB shall declare the tenderers as the successful bidders for the Implementation of Scheme in selected schools under PM-SHRI scheme.

3.21 NOTIFICATIONS

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

3.22 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.

3.23 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 tenure or till warranty period whichever is later, of a value equivalent to 5% of the contract value within 14 working 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 take any such measure as may be deemed fit by BEPC, GoB, including annulment of the bidding process.
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4 CRITERIA FOR EVALUATION

The evaluation would consist of following:

- a) **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.
- b) Proposal may be rejected at any stage of the evaluation if it is found that the bidder has provided misleading information or has been blacklisted by a central or any state government or has indulged in any malpractice/ unethical practice or supplied poor quality items or issued show cause in any past or ongoing projects and has not honored contractual obligation elsewhere;
- c) 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 not be opened. 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.
- d) Please note that no conditional bid will be entertained

4.1 TECHNICAL QUALIFICATION CRITERIA

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

Sl. No.	Requirement	Criteria	Documents Required
1	Legal Entity	The Bidder should be an established entity under Companies Act,	For Company Act - Copy of the Certificate of Incorporation issued

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		1956/2013 or Partnership Act 1932 or Indian Societies Registration Act 1860 or Indian Trust Act 1882 or Limited Liability Partnership Act 2008 or a Proprietorship firm.	<p>by the Registrar of Companies (RoC) under companies act 1956/2013 along with companies of Memorandum of Association (MoA) and Articles of Association (AoA).</p> <p>For Partnership Firm – Copy of Registration Certificate issued under partnership act 1932 along with partnership deed.</p> <p>For Limited Liability Partnership (LLP) Firm - Copy of the Certificate of Incorporation issued by the Registrar of Firms under Limited Liability Partnership Act 2008.</p> <p>For Society or Trust – Copy of the Certificate of Registration under Societies Registration Act 1860 or Indian Trusts Act 1882.</p> <p>For Proprietorship Firms - A proprietorship firm shall produce the proof of proprietorship firm, registration certificate, license.</p>
2	PAN, GST, ITR	The bidder should have a valid 1) PAN 2) GST registration 3) ITR of three assessment years (AY 2023-24, 2024-25 and 2025-26)	<p>1) Copy of PAN, 2) Copy of GST Registration certificate and GSTR-3B return filed for September 2025 or 2nd quarter of FY 2025-26. 3) Acknowledgment of Income Tax Return (ITR).</p>
3	Turnover	The bidder must have achieved a minimum average annual turnover of INR 10 crore for the last three financial years i.e. 2022-23, 2023-24 and 2024-25.	<p>1) Audit Report for last three financial years 2022-23, 2023-24 & 2024-25. 2) Turnover Certificate issued by Chartered Accountant/Company Secretary (Membership No., UDIN No. & Date must be mentioned).</p>
4	ISO 9001:2015	The bidder shall have a valid ISO 9001:2015 certificate	Copy of ISO 9001:2015 Certificate

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	Certification		
5	Positive Net worth	Should have positive net worth for the last three financial years ending on 31 Mar 2025.	Certificate issued by Chartered Accountant/Company Secretary (Membership No., UDIN No. & Date must be mentioned).
6	Experience (6.1)	The bidder should have successfully undertaken at least the following numbers of similar nature of assignments of value specified herein: - One similar work order value not less than the amount of 7.5 Crores or Two similar work orders value not less than 5 Crores each or Three similar work orders value not less than 2.5 Crores each “Similar” is defined as: Supply, Installation and Maintenance of IT / ICT / Education projects under any State/Central Government/ Public Sector Undertaking (PSU) in last five (5) years as on bid submission date.	Copy of Agreement /Work Order & completion certificate/ payment proof.
	Experience (6.2)	The bidder must have successfully undertaken single assignment to execute of Single Education project in minimum of 50 Government schools under any State/ Central Government/PSU in last five (5) years as on bid submission date.	Copy of Agreement /Work Order & completion certificate/ payment proof.
7	Not Blacklisted	The bidder should not be blacklisted/debarred by any Central/ State Government institutions.	Affidavit sworn before Public Notary/Executive Magistrate as per Annexure - 8
8	Consortium	Consortiums of any kind are not allowed under this project.	

Note: -

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- i. Consortium Purchase Order & Consortium will not be considered for evaluation.

4.2 Financial Bid Evaluation

- i. The Financial bids of technically qualified bidders will be opened on the prescribed date.
- ii. The bid price will include all taxes and levies and shall be in Indian Rupees.
- iii. Any conditional bid would be rejected.
- iv. 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".
- v. If there is no price quoted for certain material or service, the bid shall be declared as disqualified.
- vi. The Total Bid Price, as computed by the Purchaser, shall be used for the purpose of financial evaluation of bids.
- vii. The Lowest Cost Based Selection (L1) Method shall be used to select the bidder.
- viii. After reverse auction, BEPC, GoB reserves the right to split the work on L1 rate among L1 & L2 bidders in 60:40 ratio or L1, L2 & L3 bidders in 50:25:25 ratio.

4.3 AWARD OF CONTRACT

- i. 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 LCS basis with Item wise lowest explored Prices.
- ii. The price is valid for the period of one year. BEPC, GoB reserves the right to extend price validity period and contract for one more year upon successful execution of project within

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time lines with best quality. Under these conditions, BEPC may place the workorder for additional quantity for future supplies.

- iii. BEPC will finalize the value of 5% PBG on final value equivalent to LoI/PO, and the same should be submitted by agency/firm within the period of 14 working days of the issue of LoI.
- iv. 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.
- v. BEPC, GoB shall notify the successful bidder in writing that the proposal has been accepted.
- vi. An agreement shall be signed between BEPC, GoB and the selected bidder's laying down the conditions of work, payment etc.
- vii. The clause related to the local purchase preference policy 2024 may be included.
- viii. The EMD of unsuccessful candidate will be returned within 15 days of selection of the Agency.

4.4 GENERAL EVALUATION ELABORATION

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

- 1 Conditional bid 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, Against the total price the base unit shall be corrected and deviation in any tax rates will lead to disqualification of bid. In case tax varies in any line item, bidder should

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quote as per taxation law and failing of same will lead for disqualification of bid. 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 product literature, brochures, technology sheets etc. 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" need 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 regarding 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 basis at 47 school location in twenty districts of Bihar, or any of the locations in accordance as per the line item in accordance of the requirement within Bihar.
- ii. BEPC shall make available the details regarding all destination point details with Nodal Officer name and contact number where selected agency shall supply the materials/services.
- iii. Timeline for the supply and execution of project is **180 Days** from the date of PO/Agreement.
- iv. The 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 without any delays and poor executions.

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- v. Consolidated Price shall be quoted in BOQ chart for each kit combined together with all the items as indicated in the financial bid as per technical specifications given in Annexure IA & IB.
- 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 valid period of contract.
- vii. BEPC, GoB reserves the right to accept or reject any or part of offers without assigning any reasons.
- viii. The supply of all the items should be done within **180 Days** from the date of issuance 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 BEPC requirements in accordance with the budget sanctioned by State /central govt.
- x. Delivery time may be extended in case of any unforeseen circumstances such as natural calamities, emergency as per the mutual understanding of the department. The Delay due to production/procurement/logistics etc., reasons attributed to bidder not allowed under any circumstances.
- xi. The supply of all the items 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.
- xii. Inspection: During the supply of the material, department reserves the right to collect sample from supplier location, in the presence of the supplier for testing. The supplier shall be responsible to get the approved collected sample and submit the test reports conforming to standards from Govt./NABL accredited lab/ Any third part Agency appointed by BEPC, GoB.

5.1 PROJECT DURATION

- The Contract Duration will be **for one year**.

5.2 Warranty:

- Consumables, Raw Materials, and Learning Aids: All consumable items, raw

Engagement of Implementation Partner for Education Quality Enhancement in Selected 47 Government Elementary Schools across 20 districts in Bihar under PM SHRI

materials and educational aids—such as Science Kits, Math Kits, Social Science Kits, Math Lab Kits, books, sports items, and similar materials etc. shall be exempted from warranty coverage.

- Manufacturer Authorization form (MAF) mentioning tender name and confirming the compliance to match specifications and warranty of 5 years for Desktop, Printer, UPS along with batteries, IFP, Tablet/Notebook, Digital Signage, Music Keyboard, Speakers, Web Camera, language Lab Software wherever BIS is mandatory as per RFP requirement. Format for MAF is being annexed as Annexure 10.
- Electronic Equipment and Software: All electronic equipment and associated software, including Digital TVs, Smart Classroom solutions, Desktops, Android Tab, Servers, and related systems, shall be covered under a 5 year warranty from the date of installation.
- The warranty shall not apply to any physical damage resulting from mishandling, misuse, negligence, or external factors.

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 the 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 liquidated damages, a sum equivalent to 1% per week of the undelivered items/value. Penalty amount will be calculated 1% per week and first day of week penalty will be imposed for that week.

However, supply of at least 20% of order value materials against the purchase order will be completed and submission of bill along with delivery challan, the payment of 75% amount against that bill amount shall be released. Rest 25% will be paid after completion of 100% work of that line items and also receipt of verification report from concerned district.

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6.2 For Manpower

The payments arrangements under this project are as follows:

- (a) The minimum gross wages/salary and related statutory compliance of the manpower salary as per the minimum wages act applicable in the State. It is noted that manpower i.e. Computer Instructor, Vocational Trainer and Vocational Teachers should be deployed by the concerned agency will be treated as skilled person.
- (b) Accordingly, the minimum gross wages/salary and related all statutory compliances of manpower i.e. Computer Instructor shall be as per the minimum wages act applicable in the State.
- (c) Agency will be responsible to made 100% payment to all deployed manpower at the end of every month. After payment and compliance of all statutory obligations (EPF, ESIC Minimum wages act etc.), the final bill along with proof of payment and compliance of all statutory obligations will be submitted to BEPC in the first week of every month. BEPC will pay the bill amount on satisfactory performance of the agency.
- (d) All Payments will be subject to deduction of Income Tax, GST and any other tax prevailing / applicable at the time of payment.
- (e) In bills all taxes should be shown separately.
- (f) No advance payment shall be made.
- (g) No interest would be payable on delayed payments. However, BEPC would normally make every possible effort to make payments promptly.
- (h) Liquidated Damages/Penalty

The applicable penalty which may be deducted from monthly invoice is as follows:-

Sl. No.	Parameters	Applicable Penalty
01.	Failure to provide services from the starting of lab (Vocational/ ICT/ others)	Rs 100 per day/-
02.	Failure in replacement of Manpower beyond 15 days.	Rs 100 per day/-

Note:

1. Payment will be as per GFR/BFR.

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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 BEPC, GoB 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 first referred to the Additional Chief Secretary, Department of

Education, GoB 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 parties.

e) Work under the contract shall be continued by the vendor during the arbitration proceedings unless otherwise directed in writing by BEPC, GoB 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 BEPC, GoB to the vendor shall be withheld on account of the ongoing arbitration

8. Termination & Blacklisting

I. The BEPC, GoB 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 BEPC, GoB has engaged in corrupt or fraudulent practices in competing for or in executing the contract

d) If the vendor submits to BEPC, GoB a false statement which has material effect on the rights, obligations, or interests of the BEPC, GoB.

e) If the vendor places itself in position of conflict of interest or fails to disclose promptly any conflict of interest to the BEPC, GoB.

f) If the vendor fails to provide Quality products and services as envisaged under this Agreement.

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- g) If the vendor quoted prices are found abnormally high than market operating Prices/GeM Prices/ BEPC Previous Obtained Price references
- h) Serious discrepancy and delay in delivery of services or the performance levels agreed upon, which might have an impact on the functioning of the BEPC, GoB.
- i) Failure of the vendor mobilize manpower, follow local laws, clumsy execution of work, and total disregard to public safety and its own employees.
- j) Failure to abide by any lawful directions of the BEPC, GoB.

II. **Penalties:** - The BEPC, GoB may impose a 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 BEPC, GoB 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, BEPC, GoB may encash and appropriate the performance security/bank guarantee etc. The BEPC, GoB 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 BEPC, GoB 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, BEPC, GoB 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.

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- 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 agreed 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 BEPC, GoB.

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, BEPC, GoB 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 BEPC, GoB when the situation occurs. Vendor shall be released from the project once successful transition is done meeting the parameters defined for the successful transition.
- c) During the exit, vendor should provide the inventory list with Tagging of each item.

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 BEPC, GoB. Provided that before placing the vendor in the blacklist, with or without the termination of the contract, the BEPC, GoB shall issue a notice given 15 days of time to the vendor.

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ANNEXURE 1:

Scope of Work & Technical Specifications

Attached as separate Document

Annexure 1A – Scope of Work

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Annexure 1B – Detailed Technical Specifications

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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: etenderbepc@gmail.com

Sub: - Letter of Submission for Engagement of Implementation Partner for Education Quality Enhancement in Selected 47 Government Elementary Schools Across 20 districts in Bihar under PM SHRI.

Ref: - -----

Sir,

We have read and understood the Request for Proposal (RFP) in respect of the captioned Assignment provided to us by BEPC, 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 (180 days from the Proposal Due Date). RFP can be downloaded from the website <https://gem.gov.in>
- c. Bidder shall submit, along with their bids, EMD of Rs. XXXXXX crores (XXXXXXX crores only) in the form of Bank Guarantee issued by the Schedule Bank, in favor of the "State Project Director, Bihar Education Project Council (IFSC Code IOBA0002450).
- 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: LIST OF SIMILAR WORK

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 disqualification of the firm

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

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ANNEXURE – 4: Financial Bid Format

Indicative Format

Financial Bid of Agency for Implementing Integrated Educational Project for Selected 47 Government Elementary Schools across 20 Districts in Bihar.

Sl No	Activity Master Detail Name	Quantity	Rate Per School/Unit/ Student/ Teacher etc.	GST in %	GST Amount of Base Rate	Total Unit Price Including GST	Total Cost
		A	B	C	D=B*%C	E= B+D	F=A*E
1	Development of Play Ground / Outdoor / Indoor Sports Game Facilities	47					
2	Digital Software / Hardware / ICT /Smart Classroom / Computer Lab	47					
3	Black Boards/ Green Boards	47					
4	CCTV Cameras	47					
5	Musical Instrument	47					
6	PM SHRI Selfie Point	47					
7	Band set	47					
8	Smart Board with Interactive Learning Panel	47					
9	Furniture for Students	13					
10	furniture for library	26					
11	Student Assessment	47					
12	Math Circles	501					
13	Maths Kit	47					
14	Science Circles	501					
15	Science Kit	47					
16	Sports Equipment	47					
17	Computer Instructor	47					
18	Enhancement of School Aesthetics	47					
19	Financial Literacy	47					
20	Identity Cards for Student	32191					
21	Language and Communication Lab	47					
22	Olympiad for Class VI to VIII	47					

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Engagement of Implementation Partner for Education Quality Enhancement in Selected 47 Government Elementary Schools across 20 districts in Bihar under PM SHRI

23	Social Science Kit	47					
24	Teacher ID card	581					
25	First Aid Kit	47					
26	School Magazine	47					
27	Band Uniform	47					
28	Health Devices	47					
29	Gamified Learning	47					
30	Science and Math Curiosity Programme	47					
31	Colourful sorting dustbins painted in interesting characters for waste segregation	47					
32	BALA Feature	47					
33	Child Friendly Furniture/ Furniture	47					
34	Outdoor Play Material	47					
35	Recurring Grants	47					
36	ECCE Kit (Jadui Pitara)	47					

Note :

- **Bidder shall quote all prices inclusive of the live monitoring tool software.**
- This is just an indicative format of the financial bid, to be used for information purpose ONLY. Actual financial bid format is available on <https://gem.gov.in> and has to be submitted online through the GEM portal only. Any submission in hard copy will lead to rejection of the submitted bid.

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ANNEXURE - 5:
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

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ANNEXURE - 6:
Performance Bank Guarantee Format

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 (GeM Bid No.)) issued by the BEPC, Patna, (hereinafter called "the Bid").

Whereas as per GeM Bid Clause 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

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Engagement of Implementation Partner for Education Quality Enhancement in Selected 47 Government Elementary Schools across 20 districts in Bihar under PM SHRI

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 surety-ship and other rights, if any, which are in any way inconsistent with any of the provisions of this Guarantee.
7. Any notice by way of demand or otherwise may be sent by special courier, telex, fax, registered post or other electronic media to our address as aforesaid 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

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ANNEXURE - 7:

Authorization Letter for Signing of Proposal

(On Non-judicial stamp paper of Rs 1000 duly attested by notary public)

POWER OF ATTORNEY

Know all men by these present, we (name and address of the registered office R/o of the Single Entity) do hereby constitute, appoint and authorize Mr./Ms. (name and address of residence) who is presently employed with us and holding the position of as our authorized representative, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to the bid of the firm/ organization, for " **Engagement of Implementation Partner for Education Quality Enhancement in Selected Government Schools across Bihar under PM SHRI** " (the "Project"), including signing and submission of all documents and providing information/ responses to Bihar Education Project Council (BEPC), representing us in all matters in connection with our bid for the said Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and day of 2026. shall always be deemed to have been done by us. Dated this the day of 2026.

For
(Name, Designation and address)

Accepted
..... (Signature)
(Name, title and address of the Attorney)

Date:

Note:

(i) The mode of execution of the Power of Attorney (PoA) should be in accordance with the procedure, if any, laid down, by the applicable law and the charter documents of the executants and when it is so required the same should be under common seal affixed in accordance with the required procedure.

(ii) in case, an authorized director of the bidder/agency signs the bid, a certified copy of the appropriate resolution/document conveying such authority may be enclosed in lieu of the Power of Attorney (PoA).

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ANNEXURE - 8:

Declaration by Bidder

Format for Affidavit certifying that Entity/Promoter(s)/Director(s)/Members of Entity are not Blacklisted

(On Non-judicial Stamp Paper of INR 1000/-)

Affidavit

I, M/s (the names and addresses of the registered office) hereby certify and confirm that we or any of our promoter(s)/ director(s) are not blacklisted/ barred/convicted by any court of law for any criminal or civil offences/ declared ineligible by Department of Education or any other entity of GoB or any entity of state government or Govt. of India, or any local self-government body or public undertaking in India for participating in future bids for unsatisfactory performance, corrupt, fraudulent or any other unethical business practices or for any other reasons, as on date of submission (upload) of online bidding document.

And that we are hereby, declaring all ongoing litigations where our promoter(s)/ director(s) are involved in with any government agency/state/central department/PSU, and as mentioned below:

- 1.
- 2.
- 3.
- 4.

We understand that our bid for the captioned Project would be liable for rejection in case any material misrepresentation is made or discovered at any stage of the Bidding Process or thereafter during the contract period and the amounts paid till date shall stand forfeited without further intimation.

Dated this Day of, 2026

Name of the Bidder/agency.....

Signature of the Authorized Person :

Name of the Authorized Person

Designation of the Authorized Person :

ANNEXURE - 9

CONTRACT/AGREEMENT FORM

THIS AGREEMENT made the day of the 2026 between Bihar Education Project Council, Shiksha Bhawan, Saidpur, Rajendra Nagar, Patna -800 004 (hereinafter " the BEPC") of the one part and (Name of Agency) of (City of Agency) (hereinafter called "the Agency) of the other part.

WHEREAS the BEPC is desirous that certain services viz..... (Brief Description of Services) and has accepted a bid by the agency for the Education "Quality Enhancement in selected 47 Government Elementary Schools across 20 districts in Bihar" (with paper) and services in the sum of Rupees (Contract Price in Words Figures) (hereinafter called "the Contract Price ").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz
 - (a) NIT, bid document, Corrigendum, Addendum will the treated as part of the agreement.
 - (b) The Bid Form and the Performa for Price bid submitted by the Bidder
 - (c) The Description of works
 - (d) The Terms & Conditions of Contract,
 - (e) The BEPC's Notification of Award.
3. In consideration of the payments to be made by the BEPC to the Agency as hereinafter mentioned, the Agency hereby covenants with the BEPC to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The BEPC hereby covenants to pay the Agency in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times



Engagement of Implementation Partner for Education Quality Enhancement in Selected 47 Government Elementary Schools across 20 districts in Bihar under PM SHRI

and in the manner prescribed by the Contract.

Brief particulars of the work and services which shall be supplied / provided by the Agency are as under :

Sl No	Brief Description of Services	Quantity to be Supplied	Per Item Price	No. of Items Supplied	Total Contract Price	Delivery Terms

TOTAL VALUE

DELIVERY SCHEDULE:

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ANNEXURE - 10

Manufacturers / OEMs authorization form

Date:

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

Sub: *OEM Authorization Letter*

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

Dear Sir,

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

Yours faithfully,

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

Signature: _____

Name: _____

Designation: _____

Address: _____

Date:

Directorate Seal

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

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Annexure 1A:

Scope of Work

for Implementation of Solutions in PM SHRI Schools

(Detailed Scope with technical specifications will follow in Annexure 1B)

SI No	Activity Master Detail Name	Quantity
1	Development of Play Ground / Outdoor / Indoor Sports Game Facilities	47
2	Digital Software / Hardware / ICT /Smart Classroom / Computer Lab	47
3	Black Boards/ Green Boards	47
4	CCTV Cameras	47
5	Musical Instrument	47
6	PM SHRI Selfie Point	47
7	Band set	47
8	Smart Board with Interactive Learning Panel	47
9	Furniture for Students	13
10	Furniture for library	26
11	Student Assessment	47
12	Math Circles	501
13	Maths Kit	47
14	Science Circles	501
15	Science Kit	47
16	Sports Equipment	47
17	Computer Instructor	47
18	Enhancement of School Aesthetics	47
19	Financial Literacy	47
20	Identity Cards for Student	32191
21	Language and Communication Lab	47
22	Olympiad for Class VI to XII	47
23	Social Science Kit	47
24	Teacher ID card	581
25	First Aid Kit	47
26	School Magazine	47
27	Band Uniform	47
28	Health Devices	47
29	Gamified Learning	47
30	Science and Math Curiosity Programme	47
31	Colourful sorting dustbins painted in interesting characters for waste segregation	47
32	BaLA Feature	47
33	Child Friendly Furniture/ Furniture	47
34	Outdoor Play Material	47
35	Strengthening of Pre-primary School (Recurring Grants)	47
36	ECCE Kit (Jadui Pitara)	47

1. Development of Playground Facilities

Total Schools: 47

Scope of Work: Development of playground facilities to promote physical fitness and sports participation among students. This includes the installation of court flooring and fixed poles for badminton and volleyball, creating safe and standard-compliant play areas.

Sl. No.	Playground	Quantity
Outdoor		
1	Badminton Court Flooring & Fixed Type Poles	1
2	Volleyball Court Flooring & Fixed Type Poles	1
Indoor		
1	Table Tennis Set up (2 TT Rackets, 6 Balls, 1 Table Cover & Clamp Net)	2
2	School Cricket Kit (Primary and Upper Primary schools)	6 Kits Per School each

2. Digital Software / Hardware

Total Schools: 47

Scope of work: Digital hardware and software solutions should be supplied, installed, and accompanied by training to establish ICT enabled Learning labs in 47 schools. The setup should include State of Art Configured Desktops, Printer, Headset, Webcams, Network equipment, Chairs, Tables, Device management Systems, Microsoft Tools for AI programming, Hackathons and administrative tasks.

Sl. No.	Items	Quantity
1	Desktop	8
2	Printer	1
3	UPS	1
4.	Headset	8
5.	Table	9
6.	Chair	24
7.	Networking Component	1
8.	Electrification, Installation & Teacher training	1

3. Green Boards

Total Schools: 47

Scope of Work: Supply and installation of standard-sized green boards (8 ft × 4 ft) in classrooms across schools to support traditional blackboard-based teaching. These boards are designed for high visibility, durability, and ease of use with chalk, and are to be installed in multiple classrooms within each school.

Sr. No.	Description	Quantity
1	Greenboard	8

4. CCTV Camera

Total Schools: 47

Scope of Work: Provision and installation of a CCTV surveillance system in schools to enhance safety, monitoring, and administrative oversight. The system includes essential components for effective indoor and outdoor coverage, ensuring secure data storage and real-time monitoring capability.

Sr. No.	Item	Quantity
1	IP/Bullet Cameras	5
2	NVR	1
2	POE Giga Switch	1
3	Hard Disk Drive (HDD)	1
4	CAT 6 Cable	----
5	LED Monitor (Optional)	1
6	Rack 6U	1
7	Conduit/Accessories	1

5. Musical Instrument

Total Schools: 47

Scope of Work: Provision of functional and age-appropriate musical instruments to promote music education and creative expression among students. Each school will receive one set of instruments. The instruments are selected to support both traditional and modern music learning within the school curriculum and co-curricular activities.

Sr. No.	Description	Quantity
i.	Musical Instrument for Upper Primary Classes	01

i. Musical Instrument for Schools

Sl. No.	Item	Quantity
1	Tabla Set	1
2	Dafli (Tambourine)	2
3	Dholak/ Naal	1
4	Virgin Plastic Zheeka Big 10 jingles	2
5	Virgin Plastic Zheeka Small 6 jingles	2
6	Brass Manjira	1
7	Keyboard 61 keys	1
8	Bansuri (Flute)	2
9	Ghungroo anklet (25 pc per anklet)	1
10	PA System -Speaker and Mic	1

6. PM SHRI Selfie Point

Total Schools: 47

Scope of Work: Provision of a dedicated Selfie Point in each school under the PM SHRI initiative to serve as a visual landmark for students, teachers, and visitors. The selfie point

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is designed to promote school identity, encourage student pride, and create an engaging environment that celebrates achievements and school spirit.

Sr. No.	Product/Item	Qty
1	A dedicated space for students, teachers, and visitors to capture memorable moments, fostering a sense of pride and belonging within the school community.	1

7. Band set

Total Schools: 47

Scope of Work: Supply of band instruments to equip schools with a complete marching and musical band set. The instruments are selected to support school parades, ceremonial functions, and cultural activities, fostering rhythm, coordination, and musical discipline among students.

Sl. No	Item	Qty
1	Brass Trumpet	3
2	Stainless Steel Side Drum with sticks	8
3	Stainless Steel Bass drum/ PT DRUM with beater	2
4	PT Drum Stand	1
5	Stainless Steel Cymbals 8"	3
6	Stainless Steel Cymbals 10"	3
7	Major Stick/ Leading Sticks	1
8	Brass Bigul	3
9	Brass Cornet	3
10	Bansuri-Steel (Flutes)	6
11	Maracas Small	5
12	Maracas Big	3
13	Virgin Plastic Zheeka/ Jhaal 10 jingles	6
14	Hat	1

8. Smart Board With Interactive Learning Panel

Total Schools: 47

Scope of Work: Supply and installation of Smart Boards with Interactive Learning Panels to enhance digital teaching and learning in classrooms. The system includes large-format interactive panels integrated with computing units and essential peripherals to support multimedia instruction, digital content delivery, and classroom interactivity

Sl. No.	Item Details	Qty
1	Interactive Flat Panel 75"	02
2	OPS	02
3	Protective casing for panel	02
4	Web Camera	02
5	1 KVA UPS	02

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9. Furniture for Students

Total Schools: 13

Scope of Work: Supply of student furniture, primarily dual desks, to improve classroom seating arrangements and create a comfortable learning environment. The furniture is designed to be durable and ergonomically suitable for school students.

S. No.	Description	Qty per school
1	Dual Desk	100

10. Dedicated furniture for library

Total Schools: 26

Scope of Work: Supply of library furniture to create a functional and comfortable reading and study environment. The furniture includes computer tables and chairs with adequate charging points to support digital access and enhance the utility of library spaces.

Sr. No.	ITEM	Qty
1	Computer table	10
2	Chair	20
3	Book Shelves	1
4	Storage Unit	2
5	News paper Table	2

11. Student Assessment

Total Schools: 47

Scope of work: Supply & Installation of Student Assessment Software. This is a web-based platform designed to facilitate the creation, delivery, and evaluation of online assignments, assessments for Schools institutions. The primary goal of the portal is to provide a user-friendly and efficient solution for conducting various types of assessments, such as quizzes, exams, and skill-based tests, online course material for the students.

12. Math Student Kit

Total Schools: 47

Scope of Work: Supply of Math kits for students along with training. (Ten (10) kits each for classes 6 to 10 respectively) are to be provided in 47 schools. Each of the 47 schools should be provided with Math kits along with training support.

Sr. No.	Name	Quantity per School
1	Math Kit for Class 6	10 kits
2	Math Kit for Class 7	10 kits
3	Math Kit for Class 8	10 kits

13. Math Kit

Total Schools: 47

Scope of work: Math Lab should be established in each of the 47 schools with the following specifications.

1. Supply of tools for hands on learning.

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2. Activity based Video tutorials.

Sr. No.	Description	Qty
1	9" Geoboard	5
2	8" Fraction Geoboard	5
3	X-Y Coordinate Board	5
4	Linking Cube Graph Board with linking cubes set of 100	1
5	2D3D Geometric Set	2
6	2D3D Flip Chart	5
7	Volume Relation between Cube and Sphere	5
8	Geometric Volume Set	2
9	Hollow Cylinder	5
10	Hollow Sphere	5
11	Teacher Geometry Box	1
12	Trigonometry Board	5
13	Arithmetic Progression Kit	5
14	Ruler Set	5
15	Algebra Tiles	5
16	Clinometer Compass	5
17	Plane Erase Board (Set of 30 Boards)	1
18	X-Y Dry Erase Board (Set of 30 Boards)	1
19	Graph Erase Board (Set of 30 Boards)	1
20	Fraction Circles	5
21	Symmetry Kit	5
22	Base Ten Blocks	2
23	Storage Cabinet	2

14. STEM School Kit

Total Schools: 47

Scope of work: Science (STEM) Labs/Kits should be established in 47 schools as per the following specifications.

1. Supply of tools for hands on learning.
2. Delivery of activity-based video tutorials.

Name of Kit	Qty
Strawbot/ Straw Robot	4
Electronics Starter Kit	4
STEM Electronics	4
Science-Bot	4

15. Science Kit

Total Schools: 47

Scope of Work: Science kits should be supplied to students along with training, with ten (10) kits each for Classes 6 to 10 to be provided in 47 schools.

Sr. No.	Name	Quantity per School
1	Science Kit for Class 6	10 kits

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2	Science Kit for Class 7	10 kits
3	Science Kit for Class 8	10 kits

16. Sports Equipment

Total Schools: 47

Scope of Work: Supply of sports equipment with a focus on cricket kits to promote physical education and team sports in schools. The initiative aims to encourage student participation in outdoor games, improve fitness, and foster team spirit through structured sports activities.

Sr. No.	Items	Quantity
i.	Sports Kit for Primary Classes	1
ii.	Sports Kit for upper primary classes	1

List of Equipment:

i. Primary Classes:

Sl. No.	Item	Qty
1	Football 3 No Rubber Synthetic	1
2	Plastic Bat 2 No.	2
3	Plastic Stumps (Set of 6) with bails and base	2
4	Plastic Ball	4
5	Hurdles 6 inches	4
6	Ludo	1
7	Carrom Board	1
8	Skipping Rope	2
9	Marking Cones 6 inches	4
10	Marking Cones 9 inches	4
11	Marking Cones 12 inches	4
12	Flying Disc/Frisbee	2
13	Tennikoit	2
14	Soccer Cone	10
15	Kit Bag	1

ii. Upper Primary Classes:

Sl. No.	Item	Qty
1	Football 4 No.	1
2	Volleyball	1
3	Foot pump	1
4	Wooden Stump (Set of 6) with bails (4 No.)	2
5	Wooden Bat 4 No.	2
6	Wooden Bat 6 No.	2
7	Tennis Ball	2
8	Badminton Racket	2
9	Shuttle Cock	6
10	Skipping Rope	2
11	Relay Baton	1
12	Wooden Chess 16"	1
13	Carrom Board	1
14	Hurdle's 9 Inches	4

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15	Marking Cones 6 inches	4
16	Marking Cones 9 inches	4
17	Marking Cones 12 inches	4
18	Soccer Cone	1
19	Frisbee	1
20	Tennikoit	1
21	Kit Bag	1

17. Computer Instructor

- The Bidder/Agency will have to deploy 1 Computer instructor per schools deployed in 47 schools.

18. Enhancement of School Aesthetics

Total Schools: 47

Scope of work: Digital Signage systems with Content Management Software (CMS) should be supplied and installed in 47 schools to enhance visual communication and overall school aesthetics. These digital displays should be used for showcasing school announcements, educational content, student achievements, event updates, and government messages in a dynamic and visually engaging format. In Addition to this, bidder should do necessary electrification and room paintings and paste curiosity enabled wall posters.

Sr. No.	Description	Quantity
1	Supply & Installation of Digital Signage with CMS	47 schools

19. Financial Literacy

Total Schools: 47

Scope of Work: Provision of a Financial Literacy Course for students of Classes VI to VIII to build foundational awareness of personal finance, savings, digital payments, budgeting, and responsible money management. The course will include modular video lessons, designed for self-paced learning, and will be uploaded on the school's LMS or digital platform for easy access by students and teachers.

Sr. No.	Product/Item	Qty
1	Provision of Financial Literacy Course for classes VI to VIII – Modular Video lessons; to be uploaded on school LMS	1

20. Identity Cards for Student

Total Students: 32,191

Scope of Work: Provision of standard student ID cards for all enrolled students to support identification, school record management, and campus safety. Each ID card will include the student's name, photograph, school name, class, and other relevant details in a durable and school-branded format.

Sr. No.	Description	Quantity
1	ID Cards for Students	32191

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21. Language Lab

Total Schools: 47

Scope of Work: Supply, installation, commissioning, and training of **Language Labs** to enhance English and Hindi language learning in schools. The lab setup will include the required hardware and software to facilitate interactive and immersive language instruction focused on listening, speaking, reading, and writing (LSRW) skills.

S. No.	Description	Qty. Per Lab
1	English Language Lab Software	1
2	Wired Headphones	15
3	Android Tablets/Notebook	15
4	Networking Device for Wi-Fi Connection	1

22. Olympiad for Class VI to VIII

Total Schools: 47

Scope of Work: Organization of Olympiad examinations in Mathematics and Science for students of Classes VI to VIII. The exams will be conducted offline at the school level, encouraging academic excellence, competitive spirit, and analytical thinking among students. The activity includes preparatory material, participation certificates, and recognition for top performers.

Sr. No.	Product/Item	Qty
1	Provision of conducting Olympiad Exam in classes VI to VIII for a maximum of 250 children. (Including provision of practice book, medals for rankers and certificate for all participants)	1

23. Social Science Kit

Total Schools: 47

Scope of Work: Supply, installation, and training for Social Science Kits in schools to promote hands-on, activity-based learning. The kits consist of educational models, instruments, and teaching aids to help students understand key concepts through interactive demonstrations. Basic training shall be provided to teachers to ensure effective classroom use and integration into lesson plans.

Sr. No.	Product/Item	Qty
1	Binoculars	1
2	Solar System (8 Planets), Motorized Model	2
3	Compass	2
4	Solar and Lunar eclipse	1
5	Day & Night Apparatus, Electrical Model	1
6	Layer of Sun Model	1
7	Earth layer model	1
8	Volcano	1
9	Seismograph Model	1
10	4 seasons models, Electrical Model	2
11	Phases Of the Moon, Electrical Model	1

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12	Wind vane	1
13	Anemometer simple	1
14	Rain Gauge	1
15	Set of Metals (15)	2
16	Sun dial	1
17	Earthquake Model	1
18	Set of Rocks (15)	2
19	Set of Minerals (15)	2
20	DAM Working Model	1
21	Windmill	1
22	Rainwater Harvesting	1
23	Layers of Soil	2
24	Charts on various topics	20

24. Teacher ID card

Total Teachers: 581

Scope of Work: Provision of standardized ID cards for all teachers to support identity verification, professional recognition, and ease of access during institutional and administrative activities. Each card will include teacher details, photo, school name, and necessary authentication elements such as QR code or barcode (if applicable).

Sr. No.	Description	Quantity
1	ID Cards for Teachers	581

25. First Aid Kit

Total Schools: 47

Scope of Work: Supply and delivery of fully equipped **First Aid Kits** to ensure immediate medical response capability in schools. Each kit includes basic medications, wound care supplies, instruments, and emergency response items, aligned with school safety standards. Medications are to be used **under the supervision of qualified personnel** only.

Sl. No.	List of Item	Qty	
1	Medications (to be administered under qualified supervision)	Paracetamol tablets (500 mg) – pack of 10	2
		ORS (Oral Rehydration Salts) packets	10
		Antiseptic ointment (e.g., Betadine)	1
		Antacid tablets (e.g., Digene) – pack of 10	2
		Anti-vomiting medication (e.g., Ondansetron) – pack of 10	2
		Pain relief gel/ spray (e.g., Diclofenac)	1
		Glucose Chewable Tablet	1
2	Wound Care Supplies	Gauze Swab	5
		Dressing Bandages 5 cm	2
		Dressing Bandages 10 cm	2
		Dressing Bandages 15 cm	2
		Crepe Bandage 10 cm	1
		Adhesive Tape 2.5 cm	1

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		Cotton Roll (20 gm)	1
		Tinture Iodine Solution	1
		Antiseptic wipes	1
		Disposable gloves	2
3	Instruments	Scissors (blunt ended)	1
		Tweezers	1
		Digital thermometer	1
		Measuring spoon or cup	1
		Tongue Depressor	1
		Safety pins	1
		Pen Torch	1
4	Additional Items	CPR face shield or mask	1
		Eye wash solution	1
		Burn relief dressing	1
		Instant cold packs	1
		First aid manual	1
5	All the material above to be packed in a sturdy plastic box		

26. School Magazine

Total Schools: 47

Scope of Work: Provision of age-appropriate monthly magazines for students from Classes I to VIII to promote reading habits, creativity, general awareness, and language skills. The magazines will be delivered on a monthly basis and tailored to the comprehension levels of different class groups, supporting curricular and co-curricular engagement.

Sr. No.	Description	Quantity
1	Monthly Magazine for Classes I to V	15
2	Monthly Magazine for Classes VI to VIII	15

27. Band Uniform

Total Schools: 47

Scope of Work: Supply of 25 complete band uniform sets in each school to support school-level ceremonial and parade activities. Each set includes coordinated clothing and accessories made of standard materials suitable for marching and performance, ensuring both durability and uniform appearance.

Sr. No.	Item name
1	Band coat/jacket
2	Trousers/skirt (trouser for boys)
3	Headgear/ P Cap
4	Lanyard
5	Belt
6	Gloves (white)
7	Sashes or cummerbund
8	Anklets
9	Shoes

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10	Socks
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28. Health Devices

Total Schools: 47

Scope of Work: Supply of essential health monitoring devices to support basic health check-ups and wellness monitoring for students and staff. The equipment facilitates regular measurement of vital parameters, promoting a healthier school environment.

Sl. No.	Item Details	Qty
1	Blood Pressure Monitoring Machine	01
2	Oximeter	01
3	Nebulizer	01
4	BMI Calculator Machine	02
5	Health Monitoring Software	01

29. Gamified Learning

Total Schools: 47

Scope of Work: Provision of a Gamified Learning along with training workshops for teachers and students to facilitate hands-on learning.

S.No		Feature	Description
1	Gamified Learning Tool-Qty 1 per school	Chemistry Resource Pack	Explore elements, compounds, and chemical reactions. Conduct virtual experiments using a periodic table and lab tools.
		Custom Blocks for Educators	Special blocks to: Restrict movement, Preserve structures, Designate build zones.
		Lesson Library	Access to 600+ ready-to-teach lessons across subjects: STEM, History, Language Arts, Math, Climate Science, and more.
		AI and Cyber Safety Modules	Lessons on AI literacy, digital citizenship, and cybersecurity.
		3D Exporting	Export student creations for use in Remix 3D or other 3D modeling tools.

30. Science and Math Curiosity Program

Total Schools: 47

Scope of Work: Establishment of a Science and Math Curiosity Lab to stimulate student interest and inquiry in foundational scientific principles and mathematical concepts through interactive activities and hands-on experiments.

Sr. No.	Section / Item	Quantity
1	Light & Optics (Dark Room)	
	Dark Room Infrastructure	1
	Light and Optics kit	2
	Laser optical Tank	1
	Colour Shadow	1

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2	Illusion & Visual Perception Zone	
	Funny Mirror	2
	Persistence of Vision	1
	Parrot-in-Cage Illusion	1
	Infinity Tunnel	2
	Kaleidoscope	2
	Corner Mirror	1
3	Mathematics Tools	
	Tower of Brahma	2
	Parking Puzzle	2
	Pegboard Puzzle	2
	Activity Worksheets for theorems	1

31. Colorful sorting dustbins

Total Schools: 47

Scope of Work: Supply of **colourful sorting dustbins painted with engaging characters** to promote effective waste segregation and environmental awareness among students. The dustbins are designed to encourage proper disposal habits through visually appealing and educational designs.

Sr. No.	Item	Quantity per School
1	Colorful Sorting Dustbins (painted in interesting characters for waste segregation)	10

32. BaLA Feature

Total Schools: 47

Scope of Work: Implementation of the BaLA scheme by supplying and installing educational wall-mounted drawings on Sun board (approx. 300 sq. ft. per school). These thematic, child-friendly visuals will be installed in corridors, classrooms, and other visible areas to support joyful learning and curriculum integration.

Sl. No.	Item	Qty
1.	Solar system	1
2.	Human Body	1
3.	Periodic table	1
4.	Fundamental Rights	1
5.	Earth and its Motion	1
6.	Laboratory Equipment	1
7.	Bihar Map	1
8.	India Map	1
9.	World Map	1
10.	Units of Measurements	1
11.	English Phonics	1
12.	Barahkhadi	1
13.	National Symbols	1

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14.	National Leader	1
15.	Types of Angles	1
16.	Good Habits	1
17.	Traffic Rules / Road Safety	1
18.	States of Matter	1
19.	Layers of Earth	1
20.	Layers of Soil	1

33. Child Friendly Furniture

Total Schools: 47

Scope of Work: Supply and installation of colourful, ergonomically designed, child-friendly furniture aimed at enhancing the classroom environment for early-grade learners. The furniture is designed to promote safety, comfort, and an engaging learning atmosphere for children.

Sl. No.	ITEM	Qty
1	Moon/ Bean Shape Table	10
2	Low Height Chair	30
3	Storage Cabinet	2
4	Mat	12
5	Bookshelf	2

34. Outdoor Play Material

Total Schools: 47

Scope of Work: Supply and installation of safe and colorful outdoor play equipment for pre-primary children. These materials will help young children to play, move, and learn together. The items are designed to support their physical growth, coordination, and social skills in a fun and friendly environment.

Sl. No.	ITEM	Qty
1	Jhula set	2
2	See-Saw Big	2
3	Park Slide	1
4	Wavy Slide	1
5	Soft Ball	4
6	Big Ball	4
7	Plastic Bat Ball	2
8	Weight Machine	1
9	Trampoline	1
10	STEP IN Game	1
11	Rockers	4
12	Hula Hoop	4
13	Ball Pool	1
14	Basket Ball Stand	1

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15	Plastic Animal Dustbin	2
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35. Strengthening of Pre- Primary Schools

Total Schools: 47

Scope of Work: Supply, installation, and training for **innovative and playful learning solutions** to create an engaging and stimulating environment in **pre-primary classrooms**. The setup supports early childhood development through interactive tools, basic infrastructure, and teacher-friendly resources.

S. No.	Model	Qty
1	Wall elements	5
2	Learning Corner (Bookshelf with books)	1
3	Gamified Mats	5
4	Magnetic White board with magnetic alphabets and numbers	1
5	Teaching Learning Tools	1
6	Learning Cushions	30
7	PA System with wireless mic	1
8	Smart TV	1
9	Videos Contents	1
10	Art Supplies	30

36. ECCE Kit

Total Schools: 47

Scope of Work: Supply of ECCE to support play-based, activity-driven learning for early childhood education. The kits include age-appropriate toys, learning aids, and manipulatives designed to nurture foundational cognitive, language, motor, and social skills in young children.

Sl. No.	Name of the Items	QTY
1	Tambourine	2
2	Big Ball	2
3	Rope Ladder	2
4	Building Blocks	2
5	Bowling Set	2
6	Beads with holes and string	2
7	Spinning Top (Chakri)	2
8	Hammering toy Material	2
9	Lacing Board with 4 strings	2
10	My Feely Bag with Solid Shapes	2
11	Cloth Dolls	2
12	Puzzles of multi piece.	2
13	Nesting/Stacking Rings	2
14	Large Shape Sorter Board with String	2
15	Junior Abacus: Frame	2

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16	Farm Animals (medium Size)	2
17	Ball	2
18	Car	2
19	Kitchen Set	2
20	Rolling Board and Rolling Pin (Chakla-Belan)	2
21	Flute Material: Bamboo	2
22	Puppets	2
23	Damru	2
24	Alphabet Tracing Board	2
25	FOLDING BAG	2
26	Solid Shapes	2
27	Tiles of five types and a tray	2
28	Doctor Set	2
29	Fruit & Vegetable Set	2
30	Wooden Number Tracing Board	2
31	Fruits & Vegetables Pegboard	2
32	Body Parts Pegboard	2
33	Self-Corrective Relationship Puzzles	2
34	Place Value Card	1
35	Alphabet Flashcard- English	1
36	Alphabet Flashcard- Hindi	1
37	Classification Card	1
38	Number Tracing Card	1
39	Story sequence Card	1
40	Color Domino Card	1
41	Memory Card	1
42	Sequential Thinking Cards	1
43	Color Seriation Card	1
44	Joker Card	1
45	Pre- Number Concept Card	1
46	What is Missing Card?	1
47	Picture Reading Posters- Set of 6	1
48	Hindi Sound Dominos	1
49	English Sound Dominos	1
50	Number Dominos	1
51	Charts of different topics	10
52	32 pages Hindi story/ rhymes books	5
53	32 pages English story/ rhymes books	5
54	Activity Book for Balvatika (for drawing & coloring)	30
55	Workbooks (32 pages)	30
56	User Manual	1

37. Inventory Management System

Total Schools: 47

Scope of work: Supply & Installation of inventory management software in 47 schools.

38. Distribution tracking software

Total Schools: 47

Scope of work: This scope of work is for design & development of an application for tracking and tracing the path of batches of shipment from the headquarters/State Level to the various districts and across the complete value chain up until the school level.

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Annexure 1B

Detailed Technical Specifications

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Sl	Activity Master Detail Name	No. of Schools	Quantity
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2	Digital Software / Hardware / ICT /Smart Classroom / Computer Lab	47	47
3	Black Boards/ Green Boards	47	47
4	CCTV Cameras	47	47
5	Musical Instrument	47	47
6	PM SHRI Selfie Point	47	47
7	Band set	47	47
8	Smart Board with Interactive Learning Panel	47	47
9	Furniture for Students	13	13
10	Furniture for library	26	26
11	Student Assessment	47	47
12	Math Circles/ Math Student Kit	47	501
13	Maths Kit/Math School Kit	47	47
14	Science Circles/Science Student Kit	47	501
15	Science Kit/STEM School Kit	47	47
16	Sports Equipment	47	47
17	Computer Instructor	47	47
18	Enhancement of School Aesthetics	47	47
19	Financial Literacy	47	47
20	Identity Cards for Student	47	32191
21	Language and Communication Lab/Language Lab	47	47
22	Olympiad for Class VI to VIII	47	47
23	Social Science Kit	47	47
24	Teacher ID card	47	581
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26	School Magazine	47	47
27	Band Uniform	47	47
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30	Science and Math Curiosity Programme	47	47
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34	Outdoor Play Material	47	47
35	Strengthening of Pre-primary School (Recurring Grants)	47	47
36	ECCE Kit (Jadui Pitara)	47	47

Detailed Technical Specification

1. Development of Playground Facilities

Scope of work: Outdoor and Indoor sports game facilities. Any two of below items should be developed/supplied in 47 schools as per the following specifications.

Outdoor Sports

Detail Specifications:

Sl. No.	Playground	Detailed Specifications
1	Badminton Court Flooring & Fixed Type Poles	<p>Preparation: To clear the area of grass, roots, debris, and any large rocks. Build a sloped sub-base: The court should have a slight slope (about 1–2% gradient) to allow water to runoff naturally. This prevents pooling of water in low areas.</p> <p>Line Marking: To groove the line on the ground according to the standard line marking of the game and fill it with fine lime stone powder.</p> <p>Fixed Type Badminton Poles with Net Standard size : playing area : 44ft x 20 ft</p> <ul style="list-style-type: none"> • Signage and Display: Install a signboard panel (minimum 5mm thickness) displaying court guidelines, equipment details, and usage norms.
2	Volleyball Court Flooring & Fixed Type Poles	<ul style="list-style-type: none"> • Preparation: To clear the area of grass, roots, debris, and any large rocks. Build a sloped sub-base: The court should have a slight slope (about 1–2% gradient) to allow water to run off naturally. This prevents pooling of water in low areas. • Line Marking: To groove the line on the ground according to the standard line marking of the game and fill it with fine lime stone powder. <p>Fixed Type Volleyball Poles with Net Standard size : Playing area - 59ft x 29.5ft</p> <p>Signage and Display: Install a signboard panel (minimum 5mm thickness) displaying court guidelines, equipment details, and usage norms.</p>

Note :

- Every items/material should be ISI mark (Wherever applicable).
- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.
- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

Indoor – Table Tennis set up & School Cricket Kit

Detail Specifications:

Sl	Playground	Detailed Specifications																																												
3	Table Tennis Set up (qty: 2)	<p>Provision of Professional Table Tennis (T.T) Table – - 15mm engineered wooden top with anti glare finish Black Table with 20x30 mm steel frame and 50 mm wheels (8 with locks) to provide stability and easy mobility. 2 TT Rackets, 6 Balls, 1 Table Cover & Clamp Net</p> <ul style="list-style-type: none"> • Signage and Display: Install a sunboard panel (minimum 5mm thickness) displaying court guidelines, equipment details, and usage norms. 																																												
	School Cricket Kit	<p>Provision of cricket kit for Primary and Upper Primary schools.</p> <p>i. Primary School: (6 Kits per school)</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Item</th> <th>Specification</th> <th>Picture</th> </tr> </thead> <tbody> <tr> <td>1</td> <td rowspan="8">Cricket Kit (Size-3 No.)</td> <td>One Bat- wooden- Bat Size-3 (724 mm x 96 mm) (Length x Width)</td> <td rowspan="8"></td> </tr> <tr> <td>2</td> <td>One Pair of Leg Guard- Length 19 Inches</td> </tr> <tr> <td>3</td> <td>One Pair of Gloves- Length Approx. 17 Cm</td> </tr> <tr> <td>4</td> <td>One Elbo guard</td> </tr> <tr> <td>5</td> <td>One Abdo</td> </tr> <tr> <td>6</td> <td>One Pair of Thigh guard</td> </tr> <tr> <td>7</td> <td>One Helmet</td> </tr> <tr> <td>8</td> <td>One Kit Bag</td> </tr> </tbody> </table> <p>ii. Upper Primary School: (6 Kits per school)</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Item</th> <th>Specification</th> <th>Picture</th> </tr> </thead> <tbody> <tr> <td>1</td> <td rowspan="8">Cricket Kit (Size-4 No.)</td> <td>One Bat- wooden- Bat Size-4 (787 mm x 96 mm)(Length x Width)</td> <td rowspan="8"></td> </tr> <tr> <td>2</td> <td>One Pair of Leg Guard- Length 21 Inches</td> </tr> <tr> <td>3</td> <td>One Pair of Gloves- Length Approx. 19 Cm</td> </tr> <tr> <td>4</td> <td>One Elbo guard</td> </tr> <tr> <td>5</td> <td>One Abdo</td> </tr> <tr> <td>6</td> <td>One Pair of Thigh guard</td> </tr> <tr> <td>7</td> <td>One Helmet</td> </tr> <tr> <td>8</td> <td>One Kit Bag</td> </tr> </tbody> </table>	Sl. No.	Item	Specification	Picture	1	Cricket Kit (Size-3 No.)	One Bat- wooden- Bat Size-3 (724 mm x 96 mm) (Length x Width)		2	One Pair of Leg Guard- Length 19 Inches	3	One Pair of Gloves- Length Approx. 17 Cm	4	One Elbo guard	5	One Abdo	6	One Pair of Thigh guard	7	One Helmet	8	One Kit Bag	Sl. No.	Item	Specification	Picture	1	Cricket Kit (Size-4 No.)	One Bat- wooden- Bat Size-4 (787 mm x 96 mm)(Length x Width)		2	One Pair of Leg Guard- Length 21 Inches	3	One Pair of Gloves- Length Approx. 19 Cm	4	One Elbo guard	5	One Abdo	6	One Pair of Thigh guard	7	One Helmet	8	One Kit Bag
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Note :

- Every items/material should be ISI mark (Wherever applicable).
- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.
- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

2. Digital Hardware and Software

Scope of work: Digital hardware and software solutions should be supplied, installed, and accompanied by training to establish ICT enabled Learning labs in 47 schools. The setup should include State of Art Configured Desktops, Printer, Headset, Webcams, Network equipment, Chairs, Tables, Device management Systems, Microsoft Tools for AI programing, Hackathons and administrative tasks.

BOQ:

SL No.	Items	Quantity
1	Desktop	8
2	Printer	1
3	UPS	1
4.	Headset	8
5.	Table	9
6.	Chair	24
7.	Networking Component	1
8.	Electrification, Installation & Teacher training	1

3.4.2. Recurring Cost for ICT lab (All Type for One Year per Lab)

S.NO	Components	Quantity
1	Instructor at school level	1
2	4G Internet Charges	1
3	Cartridges	1
4	A4 sheets 100 bundle Pack -70 GSM	12

The detailed technical specification of each of the item are given below.

Technical Specifications of the Hardware, Software, Peripherals to be supplied: -

1. Desktop:

S.NO	Parameter	Specifications
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.

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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/BIS and Energy Star/BEE 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/Home/SL (Product key should be embedded in BIOS or OEM recovery DVD or option of cloud recovery)
12	Software	MS office M 365 A3 Apps
13	Cabinet	Any Form Factor (Micro/Mini/Small/ Tower)
14	Power supply	Compatible Power Supply
15	Certifications	FCC, CE, Energy star, R0Hs, UL/MET, ISO 9001, 14001 and 27001 and Windows 11 certification for the quoted model
16	Warranty	Standard Warranty for 5 Years
17	OEM Ranking	Desktop OEM must be in top 5 in 2024 sales of PC sales in India as per IDC Report
18	OEM and Product Compliance	OEM should comply with GFR- 144(xi) (land border clause)

2. Printer:

Sl. No.	Parameter	Specifications
1	Print technology	Laser
2	Cartridge type	Composite
3	Function	Print/Scan/Copy
4	print speed (A4):	20 ppm or higher
5	Print resolution	1200x1200 dpi or better
6	Processor	600 MHz or higher
7	Connectivity	Hi-Speed USB 2.0 or better

8	Scan type	Flat Bed
9	Scan file format	BMP; JPG; PDF; PNG
10	Memory	128 MB or Higher
11	Input tray	150-sheets or Higher
12	Output tray	100-sheets or Higher
13	Duty cycle	10,000 pages or Higher
14	Starter toner	1500 pages or higher or Higher
15	Warranty	Standard Warranty for 1 Year
15	OEM Compliance	Made in India and OEM should comply with GFR-144(xi) (land border clause)

3. UPS:

SL. No.	Parameter	Specifications
1	Rating	3KVA/2700W
Input		
2	VOLTAGE RANGE	110VAC+5% - 300VAC+5%
3	FREQUENCY RANGE	40Hz-70Hz
4	PHASE	Single Phase with Ground
5	INPUT POWER FACTOR	≥0.99 @ Full Load
Output		
6	VOLTAGE RANGE	200/208/220/230/240VAC
7	AC VOLTAGE REGULATION	±1%(Battery Mode)
8	FREQUENCY RANGE (Battery Mode)	50Hz+0.25Hz or 60Hz+0.3Hz
9	CURRENT CREST RATIO	3:1
10	HARMONIC DISTORTION	≤2% THD(Linear Load); 4% THD(Non-Linear Load)
11	OVERLOAD CAPABILITY	110% <Load<130% =5 mints, 130% <Load<140% = 1 mint Load>140% =1.5 Secs
Transfer Time		
12	AC MODE TO BATTERY MODE	Zero
13	INVERTER TO BYPASS	<4ms(Typical 2.5ms)
14	WAVEFORM (BATTERY MODE)	Pure Sine Wave
15	EFFICIENCY	90% (AC mode) 89% (Battery mode)
Battery		
16	DC VOLTAGE	72VDC
17	Battery rating	Total 3024VAH (SMF batteries)

Environment		
18	OPERATING HUMIDITY	20-95% RH@ 0-40°C(Non-Condensing)
19	NOISE LEVEL	Less than 50dBA@1Meter(With Fan Speed Control)
20	LED/LCD INDICATION	LCD Indications
Management		
21	communication port	SMART RS-232, USB and SNMP cared Slot
22	Degree of Protection	IP-20
23	SAFETY	BIS
24	Certification	BIS, ISO 9001, ISO 14001, ISO 45001, ROHS and E-waste Certificate from CPCB. OEM should comply with GFR - 144 (xi) (Land Border clause)
25	Additional features	<ul style="list-style-type: none"> Inbuilt OVCD (Over Voltage Cut-Off Device) with Surge Protection. EMI/RFI Noise Filter available Generator compatible Hot Stand-by feature available.
26	Warranty	2 Years on UPS Machine and 1 Year on Batteries

4. Headset:

Over the ear headset with cushion and 3.5 mm jack, 1.5M cable length, 40mm or higher driver, 32 Ohm or higher speaker Impedance, 20Hz to 20 KHz frequency, 98dB sensitivity, Adjustable Mic. OEM should comply with GFR- 144(xi) (land border clause).

5. Table:

ISO Certified, 600 mm x 450 mm x 725 mm or better having facility for keeping PU, Monitor, Keyboard and mouse (pull tray). Material of table top and keyboard tray -- MDF board of grade SBG II of IS 12406 latest or Pre laminated particle boards (wood product) of grade II type II of IS 12823 latest

6. Chair:

PVC/ Melded chair without arm (ISO certified)

7. Networking Component:

SL. No.	Parameter	Specifications
1	Interfaces	1 x Gigabit Ethernet WAN port
		4 x Gigabit Ethernet LAN port
		1 x power connector

		1 x WPS button
2	Operation Modes	Router mode, Access Point mode and Repeater mode
3	Management	Should have WEB GUI Management and TR-069 client
4	Wireless Standard	IEEE 802.11 ac/n/g/b/a wireless LAN Standard
5	WAN Type	Static IP, Dynamic IP, PPPoE, PPTP and L2TP
6	Antenna	Should have Four external 5 dBi or higher antennas
7	Wi-Fi Data Rate	5 GHz up to 867 Mbps or Better 2.4 GHz up to 300 Mbps Or Better
8	Advanced Features	Periodic scan of channels, automatic switch to least loaded channel Should have Guest Wi-Fi network Stateful Packet Inspection (SPI) WMM (Wi-Fi QoS) DMZ (Demilitarized Zone)
9	VPN	Should Support Site to site IPsec VPN tunnel
10	VPN Pass-Through	Should support L2TP, PPTP, IPsec
11	Security Protocol	WPA/WPA2-Enterprise WPA/WPA2-Personal WPA3-Personal WPS (Push Button Configuration)
12	Certifications	MTCTE, CE, ISO 9001, ISO 27001, ISO 45001, ISO 14001 OEM should have L2 & L3 technical support (TAC) and Repair centre in India
13	OEM Compliance	OEM should comply with GFR- 144(xi) (land border clause)

Note :

- OEM (Either self or through its bidder or authorized dealer/stockist) should have 5 years' experience of supplying their proposed products i.e. Desktop, Printer & UPS in any state/central government/PSUs during last 5 years as on bid submission date.
- OEM should have facility for service centre/call centre at all districts headquarters and State capital.

8. Electrification, Installation & Teacher training:

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.

The required internal electrifications with earthing for installation of all the hardware items supplied with proper network configuration as per requirement within the computer lab (ICT Lab) will be responsibility of the bidder. The bidder must ensure necessary safety provisions being taken while carrying out electrification within the lab to avoid any unforeseen event.

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

Note :

- Every items/material should be ISI mark/ISO Certification (Wherever applicable).
- BIS certification is required for IT hardware and major electronics hardware like Desktop, UPS, Networking Component, Printer etc.
- BIS certifications/NABL testing report for the remaining items wherever applicable.
- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

3. GREEN BOARDS

Scope of work: - Supply of blackboards/ green boards (8 nos. in each school) in 47 schools.

1. **Supply of Boards:** Providing blackboards/ green boards of size 8 feet by 4 feet.
2. **Material Specifications:** Boards must be durable, scratch-resistant, and easy to clean, with smooth writing surfaces to minimize chalk dust.

ITEM	Description
GREEN BOARDS	Frame Material – Anodized aluminium frame Core Material – Honeycomb board Writing Surface – Resin coated steel sheet Size - 8×4 ft

4. CCTV Cameras

Scope of work: CCTV surveillance systems should be provided, installed and maintained in 47 schools to enhance safety, monitoring, and administrative oversight. The system should include essential components for effective indoor and outdoor coverage, ensuring secure data storage and real-time monitoring capability.

DETAIL SPECIFICATIONS:

Item	Description	Quantity
IP/Bullet Cameras	2MP IP Wired Outdoor Bullet Cameras with Night Vision, CMOS Image Sensor, 3.6mm Lens (30Mtr),	5 Nos of Each
NVR	8 Channel Network Video Recorder	1 No
POE Giga Switch	8-Port POE Giga Switch	1 No
Hard Disk Drive (HDD)	1TB	1 No
CAT 6 Cable	As per requirement	
LED Monitor (Optional)	21.5 Inch	1 No
Rack 6U	Good Quality Rack for Mounting Equipment with two-sided mounting Fan	1 No
Conduit/Accessories	Includes cable conduits, clamps, junction boxes, connectors, etc.	

Note:

- All OEMs should comply with GFR – 144 (xi) (Land Border Clause).
- Every items/material should be ISI mark/ISO Certification (Wherever applicable).
- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.
- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

5. Musical Instrument

Scope of Work: Functional and age-appropriate musical instruments should be provided in 47 schools to promote music education and creative expression among students. Each school should receive one set of instruments for the Primary and one set for the and Upper Primary level. The instruments should be selected to support both traditional and modern music learning within the school curriculum and co-curricular activities.

Bill of Material

Sl.		Quantity
i.	Musical Instrument for Primary Classes	01
ii.	Musical Instrument for Upper Primary Classes	01

Note: All OEMs should comply with GFR - 144 (xi) (Land Border Clause).

Detailed Specifications

i. Musical Instrument for Primary

Sr. No.	Name	Specs	Image	Qty
1	Tabla Set	Pair Made of Metal + wood; Metal Tabla, Dia 7 Inches, Wooden Tabla Dia 5-6 inches, Upper base made of goat leather, Weight - 3 to 4 Kg with good quality bag and Accessories.		1

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2	Dafli (Tambourine)	Overall Dia - 8 inch. Plastic Frame thickness 5mm, Polyester sheet film of 125 micron Grooves - 6 nos. 3 steel jingles in each groove, jingle dia - 40 mm, thickness 0.3 mm, Weight: 250 to 350 gm		2
3	Dholak/ Naal	Made of wood/Fibre & Side base made of goat leather with Rope fitting. Length: 15 to 18 Inches, Upper Dia - 7 Inches Lower Dia - 9 Inches, Weight: 700 Gram to 1000 Gram. Provided with good quality Bag/Case with zip		1
4	Virgin Plastic Zheeka Big 10 jingles	Virgin Plastic body, 10 Jingles made of stainless steel, length 18 Inches, Width 4 Inches. Weight: 180-220 gm		2
5	Virgin Plastic Zheeka Small 6 jingles	Virgin Plastic body, 6 Jingles made of stainless steel, length 10 Inches, Width 3 Inches. Weight: 90-150 gm		2
6	Brass Manjira	Manjira made of brass, Size 3-inch dia tied with a white rope, Weight 100-150 gm.		1
7	Keyboard 61 keys	61 Keys, Full Size Piano Style Keys, Keyboard with handle to carry, Minimum 32 Polyphony, Minimum 120 tones, Minimum 60 Rhythms, Sustain Required, Reverb: Yes, Speaker Output: 2W + 2W, 2 speakers		1

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		<p>USB (to Host): Yes (Micro B), At least 10 Hours Battery & Power – AC Adaptor 9 V or higher. Size (W x D x H): 820 x 256 x 73mm or higher, Weight: 2.5 kg to 4.5 kg. Warranty - 1 year</p>		
8	Bansuri (Flute)	<p>Material - Mild Steel, Length 12 inches, no. of holes 7, Mouthpiece made up of plastic. Weight: 50-60 gm</p>		2
9	Ghungroo anklet (25 pc per anklet)	<p>Pair of Ghungroo made of brass with 25 bells of 1 cm in each anklet tied with white rope. Weight: 150-200 gm</p>		1
10	PA System - Speaker and Mic	<p>Output Power: 50W or more BT v5.0 or latest HDMI Optical IN USB AUX Driver Size: 5.5 x 9.5 cm (x2) or more Impedance: 8Ω Frequency Response: 50Hz-20kHz S/N Ratio: ≥66dB Separation: ≥40dB File Format Support (USB): MP3 Line Input: 3.5mm, Optical IN, HDMI (ARC) Max Supported USB Memory: 32GB or more Speaker with 2 cordless Mic (One handheld and one head Mic) Warranty - 1 Year.</p>		1

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ii. Musical Instrument for Upper Primary

Sl. No.	Name	Specs	Image	Qty
1	Harmonium	Harmonium should be top 3 selling brand in India. Length: 22 Inch, 11.50 Inch Width, 9.5 Inch height, No. of Stoppers 9, No of Keys 42, Body Material Wood, Keys: made of plastic, stopper: made of iron, 3.5 Octave, double bellow, double reed. Weight: 7-8 Kg. Provided with good quality cushioned Box/Case with zip. Warranty - After Sales Service for one year.		1
2	Dalli (Tambourine)	Overall Dia - 8 inch. Plastic Frame thickness 5mm, Polyester sheet film of 125 micron Grooves - 6 nos. 3 steel jingles in each groove, jingle dia - 40 mm, thickness 0.3 mm, Weight: 250 to 350 gm		2
3	Dholak/ Naal	Made of wood & Side base made of goat leather. Length: 15 to 18 Inches, Upper Dia - 7 Inches Lower Dia - 9 Inches, No. of Keys/ nut bolts - 18, Size of keys minimum 2.5 inches, Weight: 3.5 Kg to 4.5 kg. Provided with good quality Box /Case with zip		1
4	Tabla set	Pair Made of Metal+wood; Metal Tabla Dia 7 Inches, Wooden Tabla Dia 5-6 Inches, Upper base made of goat leather, Weight - 3 to 4 Kg with bag and Accessories with good quality cushioned Box/Case with zip		1

5	Virgin Plastic Zheeka Big 10 jingles	Virgin Plastic body, 10 Jingles made of stainless steel, length 18 Inches, Width 4 Inches. Weight: 180-220 gm		2
6	Virgin Plastic Zheeka Small 6 jingles	Virgin Plastic/ wooden body, 6 Jingles made of stainless steel, length 10 Inches, Width 3 Inches. Weight: 90-150 gm		2
7	Brass Manjira	Manjira made of brass, Size 3-inch dia tied with a white rope, Weight 100-150 gm.		2
8	Keyboard 61 keys	61 Keys, Full Size Piano Style Keys, Keyboard with handle to carry, Minimum 32 Polyphony, Minimum 120 tones, Minimum 60 Rhythms, Sustain Required, Reverb: Yes, Speaker Output: 2W + 2W, 2 speakers USB (to Host): Yes (Micro B), At least 10 Hours Battery & Power - AC Adaptor 9 V or higher. Size (W x D x H): 820 x 256 x 73mm or higher, Weight: 2.5 kg to 4.5 kg. Top 3 selling brand in India.		1
9	Bansuri (Flute)	Material - Mild Steel, Length 12 inches, no. of holes 7, Mouthpiece made up of plastic. Weight: 50-60 gm		2

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10	Speaker and Mic	<p>PA System - Output Power: 100W or more</p> <p>BT v5.3 or latest HDMI (ARC) Optical IN USB AUX</p> <p>Driver Size: Sound bar 6 cm X 2 or More, Subwoofer 13 cm X1 or more</p> <p>Impedance: Sound bar - 8 Ohm, Subwoofer: 4 Ohm</p> <p>Frequency Response: 20Hz-20kHz</p> <p>S/N Ratio: >70dB</p> <p>Separation: >32dB</p> <p>File Format Support (USB): MP3 Line Input: 3.5mm, Optical IN, HDMI (ARC), Max Supported USB Memory: 32GB or more</p> <p>Speaker with 2 cordless Mic (One handheld and one head Mic)</p> <p>Warranty - 1 year.</p>		1
11	Gungroo anklet (25 pc per anklet)	<p>Pair of Ghungroo made of brass with 25 bells of 1 cm in each anklet tied with white rope. Weight: 150-200 gm.</p>		2

Note:

- **All OEMs should comply with GFR – 144 (xi) (Land Border Clause).**
- Every items/material should be ISI mark/ISO Certification (Wherever applicable).
- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.
- BIS certification is required for electronics hardware like Musical Electronic Keyboard etc.
- BIS certifications/NABL testing report for the remaining items wherever applicable.
- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

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6. PM SHRI Selfie Point

The PM SHRI Selfie Point should be visually impactful, student-centric installation designed to capture the spirit of transformation, innovation, and national pride under the Pradhan Mantri Schools for Rising India (PM SHRI) initiative in 47 schools. It should serve as a dedicated space for students, teachers, and visitors to capture memorable moments, fostering a sense of pride and belonging within the school community.

Design and Structure: Vibrant, modern, and student-friendly design reflecting the PM SHRI mission.

Materials: Durable, weather-resistant, and eco-friendly materials suitable for outdoor conditions.

Branding: Prominently display the PM SHRI logo, motivational themes, and school-specific branding if required.

Safety: Ensure sturdy, safe, and child-friendly construction with no sharp edges.

Anchoring: Provide secure installation with proper base support and weatherproof coating.

Bidder should submit the 4 designs for approval and upon approval, bidder should supply the same to school

7. Band set

Scope of work: Band instruments should be supplied to 47 schools as part of a complete marching and musical band set. The instruments should be selected to support school parades, ceremonial functions, and cultural activities, fostering rhythm, coordination, and musical discipline among students.

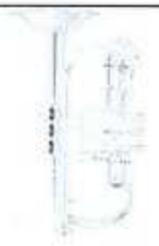
Detail Specifications:

Sl. No.	Name	Specifications	Image	Qty
1	Brass Trumpet	Keys - B-flat , Material brass , number of Piston / valve 3 , finish Golden/ nickle / chrome plating. Bore size : 12-14 mm outer dia / 12-13 mm inner dia, bell dia : 115-125 mm / barrel diameter : 15-20 mm outer dia / 13-15 mm inner dia , barrel length : 115-118 mm Piston length : 62-65 mm half , 120-126 mm full , length 16-19 inch , width : 5-6		3

		inch , weight 1.200kg - 1.250 Kg Provided with good quality cushioned Box with zip		
2	Stainless Steel Side Drum with sticks	Drum Material: Stainless Steel, Base -Polyester film of 120 micron, Hooks Material: Brass, Rod material : iron. Accessories-: Belt, a pair of stick depth : 5-6 inch, dia : 12 to 14 inch, Number of iron rods - 8, Weight: 2 to 2.5 kg		8
3	Stainless Steel Bass drum/ PT DRUM with beater	Drum Material: Stainless Steel, Base -Polyester film of 120 micron, Hooks Material: Brass, Rod material : iron. Accessories-; Belt, a pair of beater Depth : 9-12 inch. Dia : 24 to 28 inch, Number of Rods: 8, Weight: 3.5 to 4 Kg		2
4	PT Drum Stand	Adjustable height stand made of Metal material, weight – 1 - 2 Kg or higher. Should be easy to assemble or dissemble		1
5	Stainless Steel Cymbals 8"	Material- Stainless Steel tied with rope, Dia 8 inch, Weight: 150-200 gm		3

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6	Stainless Steel Cymbals 10"	Material- Stainless Steel tied with rope, Dia 10 inch, Weight: 200-250 gm		3
7	Major Stick/ Leading Sticks	More than 52 Inches height made of canwood, Steel Round of 11 Inches, upper symbol: 2 Inches made of metal, steel Chain rounded, Weight: 550-650 gm		1
8	Brass Bigul	Made of copper & brass with mouthpiece 12 inches, Bell Dia 2 to 3 inches, Weight- 400 Gram Provided with good quality cushioned Box/Case with zip		3
9	Brass Cornet	Keys - B-flat , Material brass , number of Piston / valve 3 , finish Golden, nickle / chrome plating. Bore size : 10-12mm outer dia / 10-12 mm inner dia bell dia : 5 inch / barrel diameter : 18-20 mm outer dia / 14-16 mm inner dia , length 12-13 inch , width : 5-6 inch , weight 1.250 kg Provided with good quality cushioned Box/Case with zip		3
10	Bansuri-Steel (Flutes)	Material – Mild Steel, Length 12 inches, no. of holes 7, Mouthpiece made up of plastic. Weight: 50-60 gm		6

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11	Maracas Small	Made of steel and wood, Maximum of 12-14 inches in circumference measured from the midpoint, stainless steel ball with wooden handle fitting. Weight: 250-350 gm		5
12	Maracas Big	Made of steel and wood, Maximum of 15-18 inches in circumference measured from the midpoint, stainless steel ball with wooden handle fitting and satin ribbons on the top. Weight: 600-700 gm		3
13	Virgin Plastic Zheeka/ Jhaal 10 jingles	Virgin Plastic body, 10 Jingles made of stainless steel, length 18 Inches, Width 4 Inches. Weight: 180-220 gm		6
14	Hat	Hat for the band leader (fibre and cotton fabric)		1

Note:

- All OEMs should comply with GFR – 144 (xi) (Land Border Clause).
- Every items/material should be ISI mark/ISO Certification (Wherever applicable).
- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.
- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

9. Smart board with interactive learning panel

Scope of Work: Smart boards with interactive learning panels should be supplied and installed in 47 schools as per the following specifications. Two sets should be provided in each school.

Each set shall contain below line items -

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Sl. No.	Item Details	Qty
1	Interactive Flat Panel 75"	02
2	OPS	02
3	Protective casing for panel	02
4	Web Camera	02
5	1 KVA UPS	02

Detailed Specifications:

1. **Technical Specifications of Interactive Flat Panel 75"**

- **Size:** 75-inch or 86-inch (Diagonal) Anti-Glare LED-backlit LCD.
- **Resolution:** 4K Ultra HD (3840 x 2160).
- **Brightness:** 400 - 500 nits or higher.
- **Contrast Ratio:** 1200:1 (minimum) or 5000:1 (dynamic).
- **Viewing Angle:** 178° Horizontal/Vertical.
- **Aspect Ratio:** 16:9.
- **Surface Treatment:** 3 mm or higher Toughened Glass (MoHS 7H Hardness).
- **Panel Life:** Minimum 50,000 hours.

Touch and Interaction

- **Technology:** Infrared (IR) - High precision.
- **Touch Points:** 40 points (for simultaneous multi-user writing/gesture recognition).
- **Touch Accuracy:** ≤ is less than or equal to ≤ 2 mm.
- **Tools:** Magnetic Pen/Stylus support (2-4 pens).
- **Features:** Palm erase, gesture recognition.

2. **Computing System (Android + OPS)**

- **Android System:** Android 13.0 or 14.0 (for panel software).
- **RAM/Storage (Android):** 8GB RAM/64GB ROM or Higher.
- **OPS Module (Windows PC):** Inbuilt/detachable Intel Core i5 or i7 (11th/13th Gen).
- **OPS RAM/Storage:** 8GB/16GB DDR4 or DDR5 RAM and 512GB SSD.

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- **OS:** Pre-installed Windows 11 Pro.

Connectivity and Multimedia

- **Wireless:** Inbuilt Wi-Fi and Bluetooth 5.0+.
- **Inputs:** HDMI 2.0 (x3), VGA, USB 3.0/2.0 (front and rear), Type-C.
- **Outputs:** HDMI, SPDIF, LAN (RJ45).
- **Speakers:** In-built 16W x 2 or 25W x 2 (Stereo Sound).
- **Screen Casting:** Support for casting from mobile/laptop via native app.

Specialized Software and Features

- **Whiteboard Software:** Inbuilt interactive whiteboard application with palm erasing, shape recognition, and annotation capability.
- **Dual-Platform:** Seamless switching between Android and Windows (OPS).
- **Content Creation:** Tools for subject-specific (Maths/Science) interactive, virtual experiments.
- **Video Conferencing:** Compatibility with Zoom, Microsoft Teams, Google Meet.

Physical, Warranty, and Certifications

- **Mounting:** Wall mount or Floor Mount Trolley.
- **Accessories:** Power cable, HDMI cable, Touch pens, Remote.
- **Warranty:** 3 Years On-site warranty.
- **Certifications:** BIS (mandatory), RoHS, TUV (Flicker Free - Rheinland/OEM declaration), Energy Star.
- **Quality Requirement:** "Make in India" compliant.

3. Protective casing for panel

4. Web Camera Refer Digital Hardware & Software Section

Web Camera - Resolution :1920*1080, Camera Megapixel :2 MP, Mic : Mono Microphone with 1metre range, Compatible with window 8 or higher, Cable : USB-A plug and play with 1.5M length, Certification: BIS, ISO 9001:2015.

5. UPS Specifications Capacity: 1 KVA

Technology MOSFET-PWM
 INPUT Voltage Range 140V-300VAC + 5%
 INPUT Frequency 50Hz +10%
 Input cord length 1.2 meter 3 pin Power cord
 Output Voltage (Batt Mode) 230V AC Nominal
 output Frequency (Batt Mode) 50Hz + 1Hz
 output Waveform (Batt. Mode) Modified Sinewave
 output Transfer Time Typical 4-8ms
 output PF 0.6
 output Socket 3 Nos, Three pin Indian Sockets
 Battery Type SMF (Sealed Maintenance Free)
 AC Voltage Regulation (Batt. Mode) $\pm 10\%$
 Frequency Range (Batt. Mode) 50 Hz ± 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 5 Years on UPS and 5 Years on Battery
 Degree of Protection IP-20
 Certification BIS, ISO 9001, ISO 14001, ISO 45001, ROHS and E- waste Certificate from CPCB. OEM should comply with GFR - 144 (xi) (Land Border clause)
 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.

Note:

- **All OEMs should comply with GFR – 144 (xi) (Land Border Clause).**
- Every items/material should be ISI mark/ISO Certification (Wherever applicable).
- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.
- BIS certification is required for IT hardware and major electronics hardware like UPS, IFP, Webcam etc.
- BIS certifications/NABL testing report for the remaining items wherever applicable.
- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

10. Furniture for Students

Scope of work: Furniture for students should be supplied in 13 schools as per the following specifications. One hundred (100) student dual desks should be provided for classrooms in each school.

Detailed Specifications:

S. No.	Description	Qty
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1	Dual Desk manufactured in knockdown construction. The overall dimensions of desk will be W 1050mm x D 890mm x H 760/452mm	100
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Note:

- All OEMs should comply with GFR – 144 (xi) (Land Border Clause).
- Every items/material should be ISI mark/ISO Certification (Wherever applicable).
- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.
- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

10. Dedicated furniture for library

Scope of work: Library furniture should be supplied in 26 schools.

Sr. No.	ITEM	Qty
1	Computer table	10
2	Chair	20
3	Book Shelves	1
4	Storage Unit	2
5	News paper Table	2

Detailed Specifications

Table:

ISO Certified, 600 mm x 450 mm x 725 mm or better having facility for keeping PU, Monitor, Keyboard and mouse (pull tray). Material of table top and keyboard tray -- MDF board of grade SBG II of IS 12406 latest or Pre laminated particle boards (wood product) of grade II type II of IS 12823 latest

Chair: PVC/ Melded chair without arm (ISO certified)

Bookshelves:

Material	Solid Wood/MDF
No. of Shelves	8 Shelves
Mount Type	Free Standing
Country of Origin	Made in India
Finish Type	Polished/Pre laminated
Colour	Brown
Rack Type	Open Rack

Storage Unit: 5 feet or above steel almirah

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Newspaper table:

Material	Metal
Usage / Application	Office
Wood Type	MDF
Usage/Application	Colleges
Height	3 Feet
Colour	White/other
Reading Table	Flat
No. Of Shelves	2 Shelves
Finish	Matte
Warranty	1 Year
Wrist Rest	Yes
Weight Tolerance Capacity	50 Kg
Paper Stop	Yes

11. Student Assessment

Scope of work: Supply, Installation and Maintain Student Assessment Software should be done in 47 schools as per following specifications.

Detailed Specifications:

Admin/School Portal
Configure/Manage Masters
View Dashboard for Schools Analytics
Teacher Portal
Create Assignments
Assign Assignments to Students
Assessment Creation
Preview Assessment
Online Course Material Upload
Profile Management
View Student Activity Reports
Individual Student Portal
Profile Management
View Assignments
Access to online course materials
Attempt Assessment/Assignments
View Scorecard
View Subjects Content/Videos
School Management
Teachers Management

Teachers Import
Transfer
Teacher Subject Mapping
Student Management
Students Import
Subject Mapping
Add Class/Section/Subjects to school.
Add Chapters/Topics in Subject
Assessment/Assignments Creation
Questions Creation Subject/Chapter/Topic wise

Details:

Overview: A web-based and Android based platform should be designed to facilitate the creation, delivery, and evaluation of online assignments, assessments for Schools institutions. The primary goal of the portal should be to provide a user-friendly and efficient solution for conducting various types of assessments, such as quizzes, exams, and skill-based tests, online course material for the students. Proposed solution should have following key Features.

Key Features and Functionality:

User Management:

a. Admin Panel:

Create an intuitive and feature-rich admin dashboard for managing user accounts, roles, and permissions.

Configure and manage master's to be used in the school.

Enable administrators to view and export user data, assessment results, and reports.

b. Teacher Portal:

Create and manage assessment content, assessment evaluation, view results, and generate reports.

Provide Teacher's with a user-friendly dashboard to manage assessments.

Allow teachers to create, edit, and delete assessment content, including various question types.

Enable the uploading of multimedia elements for questions and answers.

Implement options for randomizing questions and answer choices to minimize cheating.

c. Student Portal:

Students can access assessments, view their scores, and track their progress.

Enable students to create accounts or sign in securely.

Students can have access to online course material uploaded by the teachers.

Allow students to view available assessments.

Include progress tracking for students to monitor their performance.

Assessment Creation:

Question Bank: A repository to store and organize various types of questions (multiple-choice, short answer, essay, etc.).

Implement support for different assessment types (multiple-choice, true/false, short answer, essay, etc.).

Media Support: Allow the inclusion of multimedia elements (images, videos, audio) in questions.

Include options for setting time limits, pass marks, etc

Provide real-time previews of assessments before publishing.

Assessment Delivery: Online Testing: Students can take assessments online, either in real-time or within a specified time frame.

Result Analysis and Reporting:

Instant Results: Students receive immediate feedback on completion of the assessment.

Detailed Reports: Teachers and administrators can access comprehensive reports with individual and group performance analysis.

Analytics: visual representations (charts, graphs) to present data trends and insights.

Bidder should submit the reports of each school every week to BEPC. Bidder should share the data storage access to Department and same should not be used for any other purpose without consent. Bidder should not have any data backups in view of sensitivity. Bidder should provide the APIs and customization support to department. Solution Layout should be approved from BEPC.

Note: Wherever applicable, the Content / educational materials either offline or online need to provide and those should be based on NCERT/State Board curriculum/ syllabus/ Textbooks in general and as per need particularly like Olympiad, quiz etc.

12. Math Student Kit

Scope of work: Supply of Math kits for students along with training. (Ten (10) kits each for classes 6 to 8 respectively) are to be provided in 47 schools. Each of the 47 schools should be provided with Math kits along with training support.

Kit Components:

- Activity Materials: Math Kit for each class should have Mathematical activities mapped with curriculum covering all chapters of the respective class.
- Instruction Manual: Step-by-step guides for each activity, should be mapped to the curriculum.
- Additional Resources: Links to video tutorials and additional reading material should be provided.

Activities Included:

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Geometric Constructions: Using compasses, rulers, and protractors to construct shapes and angles.

- a. Fractions and Decimals: Visual aids and manipulatives to understand the concepts of fractions and decimals.
- b. Algebraic Expressions: Tools to simplify and solve algebraic expressions.
- c. Probability: Simple experiments to understand probability concepts.
- d. Statistics: Collecting and analyzing data using charts and graphs.
- e. Linear Equations: Hands-on activities to solve linear equations and inequalities.
- f. Coordinate Geometry: Using graph paper and tools to plot points and understand the coordinate plane.
- g. Number Theory: Exploring prime numbers, factors, and multiples through engaging activities.
- h. Ratios and Proportions: Visual aids to understand and solve problems involving ratios and proportions.
- i. Mensuration: Measuring and calculating the area, volume, and perimeter of various shapes.

DETAIL SPECIFICATIONS:

Sr. No.	Name	Technical Specifications
1	Math Kit for Class 6	<p>The kit should contain various magnetic boards such as the Number System Operator (N), Algebra Annotator (A), Coordinate System Demonstrator (CL), Geometry Expositor (G), Mensuration Evaluator (M), and Circle Descriptor. Along with these magnetic boards, the kit should include accessories like Data Handling Bar Plates, Button Magnets, Smiley Magnets (10 pieces), Triangle Plates, one Measuring Scale, Plastic Sticks and Square Plates (25 pieces). The kit should be reusable and safe, with non-toxic materials clearly labeled.</p> <p>Using this kit, students should be able to perform activities covering a wide range of topics included in their curriculum. The topics and corresponding activities should include:</p> <ul style="list-style-type: none"> ○ Whole Number ○ Playing with Numbers ○ Understanding Elementary shapes ○ Decimal ○ Integers ○ Fractions ○ Prime and Composite Number ○ Data Handling ○ Mensuration ○ Algebra ○ Ratio & Proportion ○ Symmetry ○ Practical Geometry

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2	Math Kit for Class 7	<p>The kit should contain various magnetic boards such as the Number System Operator (N), Algebra Annotator (A), Coordinate System Demonstrator (CL), Geometry Expositor (G), Mensuration Evaluator (M), and Circle Descriptor</p> <p>Along with these magnetic boards, the kit should include accessories like Data Handling Bar Plates, Button Magnets, Smiley Magnets (10 pieces), Triangle Plates, one Measuring Scale, Plastic Sticks and Square Plates (25 pieces). The kit should be reusable and safe, with non-toxic materials clearly labeled.</p> <p>Using this kit, students should be able to perform activities covering a wide range of topics included in their curriculum. The topics and corresponding activities should include:</p> <ul style="list-style-type: none"> ○ Integers ○ Fractions ○ Data Handling ○ Simple Equations ○ Lines and Angles ○ Congruence of Triangles ○ Comparing Quantities ○ Rational Numbers ○ Practical Geometry ○ Perimeter and Area ○ Algebraic Expressions ○ Exponents and Powers
3	Math Kit for Class 8	<p>The kit should contain various magnetic boards such as the Algebra Annotator (A), Coordinate System Demonstrator (CL), Geometry Expositor (G), Mensuration Evaluator (M), and Circle Descriptor (C).</p> <p>Along with these magnetic boards, the kit should include accessories like Data Handling Bar Plates, Button Magnets, Smiley Magnets (10 pieces), Triangle Plates, one Measuring Scale, Plastic Sticks and Square Plates (25 pieces). The kit should be reusable and safe, with non-toxic materials clearly labeled.</p> <p>Using this kit, students should be able to perform activities covering various topics in their CBSE curriculum. The topics and corresponding activities should include:</p> <ul style="list-style-type: none"> • Rational Numbers • Linear Equations in One Variable • Quadrilaterals • Square and Square Roots • Cube & Cube Roots • Comparing Quantities • Algebraic Expressions • Algebraic Identities

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	<ul style="list-style-type: none"> • Menstruation • Exponents & Powers • Direct & Inverse Proportion • Factorization
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Note :

- Every items/material should be ISI mark (Wherever applicable).
- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.
- BIS certification is required for major electronics hardware like Science Student Kit and STEM School Kit.
- BIS certifications/NABL testing report for the remaining items wherever applicable.
- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

13. Maths School Kit

Scope of work: Math Lab should be established in each of the 47 schools with the following specifications.

1. Supply of tools for hands on learning.
2. Activity based Video tutorials.

DETAIL SPECIFICATIONS:

Sr. No.	Description	Specifications	Qty
1	9" Geoboard	Should be of 9" transparent square plastic geoboard with a 10x10 pegs array and 8-10 coloured rubber bands	5
2	8" Fraction Geoboard	Should be of 8" two-sided plastic geoboard. One side circular with 17 pegs, the other side square with 25 pegs. It includes 8-10 rubber bands.	5
3	X-Y Coordinate Board	X-Y coordinate board should be of size 16x16 cm with transparent movable strips for both X and Y axis. It should also include 30 to 40 pegs and 8 to 10 rubber bands.	5
4	Linking Cube Graph Board with linking cubes set of 100	1 Linking Cubes graph board should be of 15 inches x 15 inches with 10 grooves. Kit also includes 2 cm plastic linking cubes in 10 different colours.	1
5	Shape Master which has wide range of 2D-3D Geometric Set	Set of 11 three-dimensional shapes, each 8 cm in size, including a cube, cone, cylinder, triangular pyramid, square pyramid, pentagonal pyramid, hexagonal pyramid, triangular prism, rectangular prism, pentagonal prism, and hexagonal prism. The set also includes foldable 2D nets and removable bases for each 3D shape.	2

6	Shape Master which has wide range of 2D-3D Flip Chart	Faces, edges, vertices and nets for building 3D shapes	5
7	Volume Relation between Cube and Sphere	The kit should contain a transparent cube with a 9 cm edge, open at the top, and 2 connecting hemispheres with an 8 cm diameter, which can be placed inside the cube. The material thickness for both the cube and hemispheres is 1 mm.	5
8	Geometric Volume Set	Set of 17 transparent three-dimensional shapes, each 5 cm in size, including 2 square prisms, 2 rectangular prisms, 1 pentagonal prism, 2 triangular prisms, 1 square pyramid, 1 triangular pyramid, 1 pentagonal pyramid, 2 cylinders, 1 cone, 1 sphere, 1 hemisphere, 1 hexagonal pyramid, and 1 hexagonal prism. Each shape should have removable base and stopper for easy filling with dry or wet material.	2
9	Hollow Cylinder	Transparent hollow cylinder with a height of 10 cm, an outer diameter of 8 cm, and an inner diameter of 4 cm.	5
10	Hollow Sphere	Transparent Hollow Sphere with a height of 10 cm, outer diameter of 10 cm and Inner Diameter of 6 cm.	5
11	Teacher Geometry Box	Big sized Geometrical instruments – Scale, Protractor, Set Square and Compass	1
12	Trigonometry Board	The set should include a square trigonometry board with dimensions 20 x 20 cm, representing the circular system in trigonometry. It also comes with connectors, pins, a set of rubber bands, and plastic measuring strips.	5
13	Arithmetic Progression Kit	Set of 50 magnetic rectangular foam tiles in two sizes: Type 1: 8.4 x 2.4 x 0.5 cm and Type 2: 5.8 x 2.4 x 0.5 cm, and 50 magnetic square foam tiles, each 2.4 x 2.4 x 0.5 cm.	5
14	Ruler Set	Plastic Flexible Ruler of 30 cm length	5
15	Algebra Tiles	Set should contain 20 small square tiles, 10 rectangular tiles and 5 big square tiles.	5
16	Clinometer Compass	A clinometer of length 25 cm should include a handle, a compass, and a movable needle to indicate different angles.	5
17	Plane Erase Board (Set of 30 Boards)	Set of 30 write-and-wipe A4 size plain, made from 300 GSM laminated card.	1
18	X-Y Dry Erase Board (Set of 30 Boards)	Set of 30 write-and-wipe A4 size double-sided Cartesian axis, made from 300 GSM laminated card.	1
19	Graph Erase Board (Set of 30 Boards)	Set of 30 write-and-wipe A4 size double-sided graph, made from 300 GSM laminated card.	1

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20	Fraction Circles	9 Plastic Fraction Circles that includes whole, half, thirds, quarter, fifths, sixths, eighths, tenths and twelfths part of the circle	5
21	Symmetry Kit	It should include a sturdy rectangular base measuring 30 x 15 cm, perfectly sized to securely hold a semi-circular-shaped mirror and a rectangular-shaped mirror. These mirrors should be made with durable, child-safe materials that provide clear reflections. The kit should also include colorful plastic pattern blocks, each with a height of 1 cm, available in various shapes such as triangles, squares, and etc	5
22	Base Ten Blocks	Wooden / plastic model containing blocks as below: 1) 100 pieces of 1 cm x 1 cm x 1 cm 2) 20 pieces of 1 cm x 1 cm x 10 cm 3) 10 pieces of 1 cm x 10 cm x 10 cm 4) 1 piece of 10 cm x 10 cm x 10 cm	2
23	Storage Cabinet	Plastic Storage Cabinet	2
Total Number of items			83

Note :

- Every items/material should be ISI mark (Wherever applicable).
- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.
- BIS certification is required for major electronics hardware like Science Student Kit and STEM School Kit.
- BIS certifications/NABL testing report for the remaining items wherever applicable.
- Bidder needs to submit the test reports for quality and safety of tools from NABL, accredited lab (Wherever applicable).

14. Science Student Kit

Scope of work: Science kits should be supplied to students along with training, with ten (10) kits each for Classes 6 to 8 to be provided in 47 schools.

Kit Components

- Experiment Materials: Science Kit for each class should have Minimum 10 experiments mapped with curriculum.
- The base material (PVC/Hardboard/ EVA foam /wood etc.) of the kits should be durable, suitable for multiple use.
- Instruction Manual: Step-by-step guides for each experiment, mapped to the CBSE syllabus.

Included Experiments

The experiments should cover a variety of topics in the syllabus for classes 6th to 10th, such as:

- Acid-Base Reactions: Understanding pH levels and indicators.
- Electric Circuits: Basics of series and parallel circuits.
- Electrical properties: Demonstrating the physical and chemical properties of electricity
- Laws of Motion: Demonstrating Newton's laws with simple apparatus.
- Density and Buoyancy: Experimenting with different materials in water.
- Magnetism: Exploring magnetic fields and forces.
- Chemical Reactions: Observing exothermic and endothermic reactions.
- Sound Waves: Studying the properties of sound through various mediums.
- Harmonic motion: Understanding the laws of harmonic motion using a pendulum.
- Work and energy: Understanding energy transfer concepts.
- Light Refraction: Understanding how light bends through different materials.
- Food and Nutrition: Simple experiments to understand the chemistry of our food.

DETAILED SPECIFICATIONS

Sr. No.	Name	Technical Specifications
1	For all Science Kits	<p>The kit should offer the opportunity to explore science and provide students the opportunity to explore scientific concepts through hands-on experiments and interdisciplinary learning. It Develops skills in science, technology, engineering, and mathematics through practical application.</p> <p>The kit should include a variety of pre-cut plain/ Printed sheets (as base) as per the requirement of experiment in different colours and thicknesses, electronic components, non-toxic chemicals & supporting materials, and experiment tools to perform at least 10 experiments. It should include a detailed colours manual with step-by-step instructions for each experiment, including illustrations and scientific explanations, detailed video with associated STEM learning outcomes.</p> <p>The kit should be robust, reusable, and suitable for institutional use. The kit should be supported by Videos enabling to learn and use the elements of ideation, critical thinking, creativity & innovation, and collaborative learning.</p> <p>The kit should design with safety using non-toxic materials, clearly labelled, and child-friendly tools.</p>
2	Science Kit for Class 6	<p>The kit should offer the opportunity to explore science and provide students the opportunity to explore scientific concepts through hands- on experiments and interdisciplinary learning. It Develops skills in science, technology, engineering, and mathematics through practical application.</p> <p>The kit should include a variety of pre-cut plain EVA foam sheets in different colours and thicknesses, electronic components, non-toxic chemicals & supporting materials, and experiment tools to perform at least 10 experiments. It should include a detailed colours manual with step-by-step instructions for each experiment, including illustrations and scientific explanations, detailed video</p>

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with associated STEM learning outcomes. The kit should be robust, reusable, and suitable for institutional use. The kit should be supported by Videos enabling to learn and use the elements of ideation, critical thinking, creativity & innovation, and collaborative learning. The kit should design with safety using non-toxic materials, clearly labelled, and child-friendly tools.

The kit should be containing the following materials to perform the experiments:

- An EVA foam pre-cut sheet with a diagram printed on it, and it must include necessary experiment supplies such as soil, filter paper, funnel, paper cup, stirrer, and straw in a separate package with labels.

- An EVA foam pre-cut sheet with a diagram printed on it , and it must include necessary experiment supplies such as pins and translucent paper in a separate package with labels.

- An EVA foam pre-cut sheet with a diagram printed on it and it must include necessary experiment supplies such as mirrors and cardboard pipe in a separate package with labels.

- An EVA foam pre-cut sheet with a diagram printed on it, and it must include necessary experiment supplies such as a bulb with holder, cells & holder, key, screws, wires, and screwdriver in a separate package with labels.

- The Kit must include necessary experiment supplies such as a stirrer, iodine solution, starch powder, and bowl in a separate package with labels.

- The Kit must include necessary experiment supplies such as a bar magnet, iron filling, and paper sheet in a separate package with labels.

- The Kit must include necessary experiment supplies such as a bar magnet, iron filling, and paper sheet in a separate package with labels.

- An EVA foam pre-cut sheet with a diagram printed on it , and it must include necessary experiment supplies such as a mirror, ambulance sheet, and torch in a separate package with labels.

- The Kit must include necessary experiment supplies such as a beaker, beaker cap, buzzer, cell & holder, metal strips, salt, and double side tape in a separate package with labels.

The Kit must include necessary experiment supplies such as sodium hydroxide, methylene blue, sugar, bottle, stirrer, gloves, vinegar, baking soda, ballon, and spoon in a separate package with labels.

Using this material, students should be able to create at least 10 experiments covering various topics in their curriculum. The topics and corresponding activities should include:

- Sedimentation, decantation & Filtration Process

- Pinhole Camera

- Periscope

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		<ul style="list-style-type: none"> -Electric circuit with switch -Starch Test in a Food -Protein Test in a food -Introduction about Bar Magnet -Mirror reflects a beam of light -Conductivity test using different liquids -Reversible and Irreversible reaction
3	Science Kit for Class 7	<p>The kit should offer the opportunity to explore science and provide students the opportunity to explore scientific concepts through hands- on experiments and interdisciplinary learning. It develops skills in science, technology, engineering, and mathematics through practical application.</p> <p>The kit should include a variety of pre-cut plain EVA foam sheets in different colours and thicknesses, electronic components, non-toxic chemicals & supporting materials, and experiment tools to perform at least 10 experiments. It should include a detailed colours manual with step-by-step instructions for each experiment, including illustrations and scientific explanations, detailed video with associated STEM learning outcomes. The kit should be robust, reusable, and suitable for institutional use. The kit should be supported by videos enabling to learn and use the elements of ideation, critical thinking, creativity & innovation, and collaborative learning. The kit should design with safety using non-toxic materials, clearly labelled, and child-friendly tools.</p> <p>The kit should be containing the following materials to perform the experiments:</p> <ul style="list-style-type: none"> - An EVA foam pre-cut sheet with a diagram printed on it and it must include necessary experiment supplies such as a screwdriver, buzzer, cells & holder, metal wire, wires, and double-sided tape in a separate package with labels. - An EVA foam pre-cut sheet with a diagram printed on it , and it must include necessary experiment supplies such as pulley, DC motor, disc, cells & holder, key, screws, and screwdriver in a separate package with labels. - The Kit must include necessary experiment supplies such as a screen, holder, convex lens, and candle in a separate package with labels. - The Kit must include necessary experiment supplies such as a screen, holder, concave lens, and candle in a separate package with labels. - An EVA foam pre-cut sheet with a diagram printed on it , and it must include necessary experiment supplies such as a mirror and torch in a separate package with labels. - An EVA foam pre-cut sheet with a diagram printed on it and it must include necessary experiment supplies such as a transparent glass with 85mm height and 75mm diameter, Y tube, two small balloons and big balloon in a separate package with labels.

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		<ul style="list-style-type: none"> - The Kit must include necessary experiment supplies such as a stirrer, bowls, citric acid, red litmus, blue litmus, vinegar (CH₃COOH), soap solution, and milk of magnesia in a separate package with labels. - The Kit must include necessary experiment supplies such as a stirrer, bowls, citric acid, pH strip, vinegar (CH₃COOH), soap solution, and milk of magnesia in a separate package with labels. - The Kit must include necessary experiment supplies such as thread and paper cups in a separate package with labels. - The Kit must include necessary experiment supplies such as a bar magnet and iron fillings in a separate package with labels. <p>Using this material, students should be able to create at least 10 experiments covering various topics in their curriculum. The topics and corresponding activities should include:</p> <ul style="list-style-type: none"> -Steady hand testing electric game -Newton's Disc -Image formation using Convex Lens -Image formation using concave lens -Convergent and Divergent rays -Mechanism of Breathing -Red and Blue Litmus Test -ph Test -Circuit Making & Switch -Change in the colours of copper sulphate react with metal
4	Science Kit for Class 8	<p>The kit should offer the opportunity to explore science and provide students the opportunity to explore scientific concepts through hands- on experiments and interdisciplinary learning. It develops skills in science, technology, engineering, and mathematics through practical application.</p> <p>The kit should include a variety of pre-cut plain EVA foam sheets in different colours and thicknesses, electronic components, non-toxic chemicals & supporting materials, and experiment tools to perform at least 10 experiments. It should include a detailed colours manual with step-by-step instructions for each experiment, including illustrations and scientific explanations, detailed video with associated STEM learning outcomes. The kit should be robust, reusable, and suitable for institutional use. The kit should be supported by videos enabling to learn and use the elements of ideation, critical thinking, creativity & innovation, and collaborative learning. The kit should design with safety using non-toxic materials, clearly labelled, and child-friendly tools.</p> <p>The kit should be containing the following materials to perform the experiments:</p> <ol style="list-style-type: none"> 1. Three EVA foam pre-cut sheets with a diagram printed on it and it must include necessary experiment supplies such as ball with, two marbles, thread, bowl and straws in a separate package with labels.

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	<p>2. Making a Kaleidoscope: An EVA foam pre-cut sheet with a diagram printed on it in size, and it must include necessary experiment supplies such as mirrors, transparent sheets, thermocol balls, and tape in a separate package with labels.</p> <p>3. An EVA foam pre-cut sheet with a diagram printed on it, and it must include necessary experiment supplies such as mirrors in a separate package with labels.</p> <p>4. An EVA foam pre-cut sheet with a diagram printed on it, and it must include necessary experiment supplies such as copper wire, balloon, paper foil, transparent sheet, and sandpaper in a separate package with labels.</p> <p>5. The Kit must include necessary experiment supplies such as a stirrer, iron nails, zinc granules, aluminium strips, copper strips, aluminium sulphate, copper sulphate, ferrous sulphate, zinc sulphate, and bowls in a separate package with labels.</p> <p>6. Two EVA foam pre-cut sheets with a diagram printed on it in and it must include the necessary experiment supplies such as a mirror, pins, and scale in a separate package with labels.</p> <p>7. An EVA foam pre-cut sheet with a diagram printed on it, and it must include necessary experiment supplies such as a mirror, pins, protractor, and torch in a separate package with labels.</p> <p>8. An EVA foam pre-cut sheet with a diagram printed on it, and it must include necessary experiment supplies such as a beaker with approx. 100ml volume, beaker cap, copper sulphate, cells, and holder, copper strip and stainless screw in a separate package with labels.</p> <p>9. The Kit must include necessary experiment supplies such as a thread and paper cups in a separate package with labels.</p> <p>10. The Kit must include necessary experiment supplies such as a bar magnet and iron fillings in a separate package with labels.</p> <p>Using this material, students should be able to create at least 10 experiments covering various topics in their curriculum. The topics and corresponding activities should include:</p> <ul style="list-style-type: none"> -Work and Energy Activity -Kaleidoscope -Multiple Images -Electroscope -Relative reactivity of Metal -Study the formation of image in a plane mirror -Calculate angle of incidence and reflection -Electroplating -Toy telephone -Non-contact forces and magnetic lines
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Note :

- Every items/material should be ISI mark (Wherever applicable).
- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.
- BIS certification is required for major electronics hardware like Science Student Kit and STEM School Kit.
- BIS certifications/NABL testing report for the remaining items wherever applicable.
- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

15. Science Kit/STEM School Kit

Scope of work: Science (STEM) Labs/Kits should be established in 47 schools as per the following specifications.

1. Supply of tools for hands on learning.
2. Delivery of activity based video tutorials.

DETAIL SPECIFICATIONS:

Name of Kit	Description	Qty
Strawbot	<p>The kits should feature a robust physical framework constructed from MDF material and connecting parts for other components, providing the necessary structure like a Bat, Swimmer, Crawler, Skipper, Paralympic, etc. The Kit should include MDF sheets (240mm x 100mm x 3mm) cut into specific shapes (O, Y, L, X, T, I, T-Lock, 3 Leg, 1 Leg), bottom plates (80mm x 20mm x 3mm) cut into H shapes, motor arms (25mm x 20mm) in Z shapes, top plates (30mm x 25mm x 20mm) in U shapes, plastic straws (200mm length, 6mm diameter), 3 to 12 V DC, 150RPM two-side shaft BO motors with compatible wheels (70mm diameter, 6mm width, rubber grip).</p> <p>The kit should include all necessary accessories battery casings for two AA cells with switches, standard AA batteries, thin rubber bands (3 inches), DIY craft scissors, and 15cm plastic scales.</p>	4
Electronic Starter Kit	<p>The kit should offer the opportunity to explore working with real electronic components without a soldering iron. Kids work with real electronic components and breadboard is frequently used for prototyping real electronics projects. The kit should have a breadboard, Jumpers, Connectors etc, should be part of the kit. The kit should be a prototyping component Package that has basic components like breadboard, Resistors, Capacitors in variable values, switches, Voltage regulator (7805), timer IC (555), transistor (BC 547), buzzer, different color 5mm LED and Breadboard with a jumper cable bundle. The students will learn multiple circuit fundamentals like current flow, voltage distribution, Series and parallel, transistors, and logic gates. Many real projects can be created like</p>	4

	<p>doorbells, Night lights, water level indicators, and hand dryers.</p> <p>The kit should also have a printed Manual for step-by-step building instructions for at least 10 Projects with material included in the kit accompanied by diagrams, and simulation, circuit explanation and output detailed programming videos with associated STEM learning outcomes.</p> <p>The kit should be robust, reusable, and suitable for institutional use. Audio Visual explanation on clearly understanding the breadboard assembly and its use and explaining different concepts.</p>	
STEM Electronics	<p>The kit should have a power distribution module (onboard 3 inputs and 3 outputs in the form of a JST connector), at least 18 different types of input-output modules. It should be for educational purposes, prototyping, and small-scale development projects.</p> <p>The power distribution module must have a distributing signal and power to up to three other modules. It must have a minimum of three input ports and three output ports. The power distribution module's PCB board must have handle protection, with a minimum size of 59mm x 47mm, and be encased in color-coded rubber or plastic casings with openings for connections. The modular design of the power modules must ensure that all functional components can be connected via JST connectors.</p> <p>The kit should have different types of sensor modules that cover a wide range of sensing capabilities and must have a light sensor, IR sensor, switch, POT, and more. Additionally, the kit should have gate modules like AND, OR, and NOT gates. The PCB board must have handling protection, with a minimum size of 37mm x 27mm, and be encased in color-coded rubber or plastic casings with openings for connections. The sensor module should be designed to be modular, allowing it to be connected via JST connectors with a supporting microcontroller.</p> <p>The kit should have various output modules such as LED modules in different colours, a buzzer module, a motor module, a vibro motor module, and a laser module. The PCB board should have protection for handling, a minimum size of 37mm x 27mm, and be encased in color-coded rubber or plastic casings with openings for connections. The output module is designed to be modular, allowing it to be connected via JST connectors with a supporting microcontroller.</p> <p>The kit packaging must be in a strong cardboard box with a plastic tray. Plastic tray should have separate placeholders for each 18 modules so that these modules remain intact during transportation and later on as well.</p> <p>The box must be designed with separate compartments for the sensors, output modules, power distribution modules, and other blocks. It must have the essentials for powering and connecting various components. These should consist of a power bank, JST wires, and power cables for connecting the power board to other peripherals.</p>	4

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<p>Little- Science- Bot</p>	<p>The kit should include a variety of MDF cutouts and components for creating battery-operated models. It contains MDF pieces for different models including cutouts measuring 140x104x3mm, 112x114x3mm, and 92x74x3mm. The kit also includes over 35 unique interlocking pieces such as T Pieces, Motor Arm Pieces, and Linker Pieces for creating rotating legs for a walking dog model.</p> <p>An MDF sheet should be cut into three sizes: 140x107x3mm, 82x72x3mm, and 172x136x3mm for a walking robot. It also needs over 35 unique interlocking pieces such as hands, legs, and the robot face. An MDF sheet needs to be cut into three sizes: 156x154x3mm and 136x152x3mm cutouts for a cart-pushing robot. The robot features over 30 unique interlocking pieces such as wheels, linkers, hands, legs, and a cart. An MDF sheet needs to be cut into three sizes: 188x114x3mm, 146x134x3mm, and 134x102x3mm for a flying dinosaur model. The model has over 35 unique interlocking pieces, including wings with living hinge mechanisms and wheels. An MDF sheet needs to be cut into three sizes: 142x164x3mm, 124x148x3mm, and 163x104x3mm for a walking dino, consisting of over 45 unique interlocking pieces including 16 Teeth Gears, 12 Teeth Gears, and 8 Teeth Gears.</p> <p>The kit should include all necessary accessories candle wax, thin rubber bands (minimum 3 inches), transparent cello tape (at least 15 meters), a plastic geared DC motor (60mm x 20mm x 20mm, 3 to 12 V DC, 150 RPM with dual shafts), a battery holder for two AA cells with a two-way slide switch and cover, standard AA batteries, and a DIY craft scissor. With the help of this kits students can learn different kind of STEM concept like force ,friction and energy conservation etc.</p>	<p>4</p>
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Note:

- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.
- BIS certification is required for major electronics hardware like Science Student Kit and STEM School Kit.
- BIS certifications/NABL testing report for the remaining items wherever applicable.
- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

16. Sports Equipment

Scope of Work: Sports equipment, with a focus on cricket kits, should be supplied to 47 schools to promote physical education and team sports. This initiative should encourage student participation in outdoor games, enhance physical fitness, and foster team spirit through structured sports activities.

List of items:

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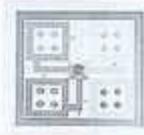


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Sl. No.	Items	Quantity
1	Sports Kit for Primary Classes	1
2	Sports Kit for Upper Primary Classes	1

Detail Specifications:

1. Sports Kit for Primary classes

Sl. No.	Item	Specifications	Qty	Image
1	Football 3 No Rubber Synthetic	Size: 3 (Junior), Material: Synthetic Waterproof stitched Bladder : Rubber Numbers of Panels: 32 Surface: Smooth, Circumference: 58 to 60 cm, Weight with air: 300 to 320 grams	1	
2	Plastic Bat 2 No.	Material: Plastic, Size: Length: 27" & Width: 3" - 4", Weight: 320-350 Grams, Material of Handle: Hard Plastic with Grip Rubber, Shape of Handle: Round	2	
3	Plastic Stumps (Set of 6) with bails and base	Material: Plastic Length- 26 Inches, Width of base - 10 Inches and above Total Weight 320 -350 Gram Each stump weight 100 Grams and bails weight 20 Grams	2	
4	Plastic Ball	Material: Plastic Weight: 20-30 Grams	4	
5	Hurdles 6 inches	Material: PVC Height (inch) : 6 inch Bottom : 6.5 inch Width : 18 inches Thickness : 20 mm Weight : 180 to 260 Grams	4	
6	Ludo	Material: Wooden Board with 2 set coin/Goti & Dice. Ludo Size: 12 Inches X 12 Inches, weight of goti is 1 to 2 gms per piece, Dice size 10-14 mm, Total Weight - 500 Grams or above	1	

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7	Carron Board	Material: Wooden, Size: 21 Inches X 21 Inches, Carron coin/goti: 2 set wooden coin/goti of Black and white colour with one red colour (Queen), Striker: 1pc in other different colour Carron coin/goti weight: 100 gram or above, Total Weight – 1.5 to 2 Kgs and above	1	
8	Skipping Rope	Material: Rubber rope with Wooden/Plastic Handle. Length- 9ft. Weight- 160 Gram or above	2	
9	Marking Cones 6 inches	Material- LDPE Length- 6 Inches, Base Dia: 100- 115mm Weight 35 Grams or above	4	
10	Marking Cones 9 inches	Material- LDPE Length- 9 Inches, Base Dia: 138 - 155 mm Weight - 70 Grams or above	4	
11	Marking Cones 12 inches	Material- LDPE Length- 12 Inches, Base Dia: 165- 177 mm Weight - 110 Gram or above	4	
12	Flying Disc/Frisbee	Material: Plastic, Dia: 8 Inches, Weight: 75-85 Gram	2	
13	Tennikoit	Material: Rubber, Size: 6 inches, Weight: 220-250 Gram	2	
14	Soccer Cone	Material: Plastic Size: 2 inch height, 7 inches Dia Weight: 20-30 Gram	10	

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15	Kit Bag	Material: PVC coated fabric with cardboard bottom. Comes with heavy duty zipper and shoulder strap. Approximate Size- Length 2 Ft., Width 1 Ft., Depth 1ft., Weight 1 kg or above.	1	
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2. Sports Kit for Upper Primary classes

Sl. No.	Item	Specifications	Qty	Image
1	Football 4 No.	Size: 4, Material: Synthetic Waterproof stitched Bladder: Rubber Numbers of Panels: 32 Surface: Smooth Circumference: 60 to 65 cm, Weight with air: 350 to 370 grams	1	
2	Volleyball	Material-PU/Rubber Circumference: 65-67cm Diameter: 20.5-21.5 cm Construction- Pasted Panels-18 Panel Moulded Colour: yellow and blue or multi-coloured Weight: 260-280 grams Winding-Nylon Water Proof Bladder - Rubber	1	
3	Foot pump	Material- Metal, Plastic/Rubber padded Foot operated. Weight - 220 gm or above PSI - 100 or above.	1	
4	Wooden Stump (Set of 6) with bails (4 No.)	Material: Wooden, Size: Above ground 28-30 Inches; Below ground 4 inches, Dia: 1.2 - 1.5 inches, Weight of stump: 300 gm - 500 Gram or above Weight of Bail: 15 - 25 Gram or above	2	

14m



5	Wooden Bat 4 No.	Material of Blade: wooden, Sizes: 4, Length 31 inches x Width 3.8 inches, Material of Handle: Wood, Mass of Cricket Bat: 800 - 900 Grams Rubber Grip : Rubber Shape of Handle: Round	2	
6	Wooden Bat 6 No.	Material of Blade : wooden, Sizes: 6, Length 806 mm x Width 102 mm or above, Material of Handle : Wood Mass of Cricket Bat: 1050- 1200 grams Rubber Grip : Rubber Shape of Handle : Round	2	
7	Tennis Ball	Material- Rubber Item Weight - 90 Grams or above Dia: 65 mm \pm 2 mm Ball must be wrapped with coloured felt cloth/fabric.	2	
8	Badminton Racket	Frame: Aluminium Alloy, Stem: Steel, Eyelets : Nylon or Polypropylene. Mass of badminton without gut: 85 to 95 gm, Coating: Aluminium alloy frame shall be anodized. Utility: Training, Handle: Wood, String Material: High Quality Nylon, String Construction: Multifilament, String Warp: Double Warp, No. of holes on racket: 74 or above.	2	
9	Shuttle Cock	Material- Light Cork & Plastic, Head Diameter: 25-28 mm, Overall length: 80-90 mm, Skirt Dia: 58-68 mm, Weight of each cock is 1.5 Gram or Above	6	
10	Skipping Rope	Material: Rubber with Wooden/Plastic Handle. Length- 9ft, Weight- 160 Gram or above	2	

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11	Relay Baton	Material- Plastic, Length - 290 mm Dia- 40 mm Weight of each Baton - 45 Grams or above	1	
12	Wooden Chess 16"	Material: Wooden 18 mm thick premium quality particle board. Size- 16 inch X 16 Inch, Weight- 1.50 Kg or above Chessmen- 2 set LDPE, Chessmen Weight- 350 Gram or above each set	1	
13	Carrom Board	Material- Wooden, Size: 26 inches X 26 Inches, Carrom coin/goti: 2 set wooden coin/goti of Black and white colour with one red colour (Queen) Striker: 1pc in other different colour Carrom Coin/goti Weight - 100 Gram and above Total Weight- 2-3 Kgs or above	1	
14	Hurdle's 9 Inches	Material : PVC Height (inch) : 9 inch Bottom : 8 inch Width : 18 inches Thickness : 20 mm Weight : 220 to 280 Grams	4	
15	Marking Cones 6 inches	Material- LDPE Length- 6 Inches, Base Dia: 100- 115 mm Weight: 35 Grams or above	4	
16	Marking Cones 9 inches	Material- LDPE Length- 9 Inches, Base Dia- 138 - 155 mm Weight - 70 Grams or above	4	
17	Marking Cones 12 inches	Material- LDPE Length- 12 Inches, Base Dia- 165- 177 mm Weight - 110 Gram or above	4	
18	Soccer Cone	Material- LDPE, height: 2 inch, Dia: 7 inches, Weight: 20-30 Gram	1	

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19	Frisbee	Material - LDPE/PP Dia: 10.5 inch, Weight 120 Gram	1	
20	Tennikoit	Material: Rubber, Height: 6 inches, Weight 220-250 Gram,	1	
21	Kit Bag	Material: PVC coated fabric with cardboard bottom. Comes with heavy duty zipper and shoulder strap. Approximate Size- Length 2 Ft., Width 1.5 Ft., Depth 1.5 ft. Weight 2 Kg or above	1	

Note :

- Every items/material should be ISI mark (Wherever applicable).
- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.
- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

17. Computer Instructor:

6. Scope of work:

- The bidder/agency should deploy one computer instructor per school in all **47 schools**.
- The Service Level Agreement with the successful agency/bidder will be signed with Bihar Education Project Council, Patna and on behalf of the BEPC, Patna, for the day to day execution of the contract.
- Minimum educational qualification: Bachelor's degree in Computer Science, Information Technology, or a related field, or a Diploma in Computer Engineering/IT with at least 2 years of relevant experience.
- Proficiency in operating systems (Windows 11 Professional, Linux), open-source office software, and basic networking.
- Fluency in English and Hindi for communication and training purposes.

7. Experience:

- At least 1-2 years of experience in teaching computer education or managing ICT infrastructure in educational institutions or similar settings.

- ii. Experience in handling hardware troubleshooting, software installation, and basic network configuration is preferred.

8. Minimum Salary & other conditions for Computer instructor:

- i. The minimum gross wages/salary and related statutory compliance of computer instructor shall be as per the minimum wages act applicable in the State. It is noted that manpower i.e. Computer Instructor should be deployed by the concerned agency will be treated as skilled person. Accordingly, the minimum gross wages/salary and related all statutory compliances of manpower i.e. Computer 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 for furnishing all such information/documents to BEPC in this regard as may be required by it from time to time. Furthermore, the bidder shall be responsible to furnish self-attested copies of all returns/challans filed by the bidder in the office of ESI, EPF, Minimum Wages Act, Contract Labour etc. on monthly basis to the BEPC, in case, the bidder fails to submit or not willing to submit the copies of returns, BEPC shall be entitled to stop the payments till the submissions of the returns.
- iii. Computer Instructor is allowed to take 16 leave per year. In case the resource is absent for more than 10 days in any month, the bidder needs to arrange an alternative resource failing which a penalty of Rs. 250/- per working day would be levied on the bidder for each day exceeding 10 days the Vocational trainer is absent.

9. Responsibilities of Computer Instructor:

- i. Ensure the effective installation, commissioning, and maintenance of digital hardware, software, and peripherals supplies.
- ii. Provide computer education services and training to students and teachers.
- iii. Monitor and manage the operational efficiency.
- iv. Support the integration of digital resources and e-content as provided by the Department.
- v. Maintain a web-based online project monitoring system for tracking usage and performance.

18. Enhancement of School Aesthetics

Scope of work: Digital Signage systems with Content Management Software (CMS) should be supplied and installed in 47 schools to enhance visual communication and overall school aesthetics. These digital displays should be used for showcasing school announcements, educational content, student achievements, event updates, and government messages in a dynamic and visually engaging format. In Addition to this, bidder should do necessary electrification and room paintings and paste curiosity enabled wall posters.

Detailed Specifications:

Sl. No	Parameter	Specification
1	Diagonal Size	65" Digital Signage/Commercial 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. And Own manufacturing Unit in India
		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	BIS, ROHS/EMC- Class B along with CE, CB/UL or equivalent Indian Certificate.
16	Factory Certification	TV OEM should have owned Factory BIS, ISO:9001, ISO:14001. ISO 45001
17	Make In India	Yes
18	Warranty	3 Years on-site warranty

Note:

- All OEMs should comply with GFR – 144 (xi) (Land Border Clause).
- Every items/material should be ISI mark/ISO Certification (Wherever applicable).
- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.

- BIS certification is required for IT hardware and major electronics hardware like Digital Signage/Commercial TV.
- BIS certifications/NABL testing report for the remaining items wherever applicable.
- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

19. Financial Literacy

Provision of a Financial Literacy Course for students of Classes VI to VIII to build foundational awareness of personal finance, savings, digital payments, budgeting, and responsible money management in 47 schools. The course should include modular video lessons, designed for self-paced learning, and will be uploaded on the school's LMS or digital platform for easy access by students and teachers.

To equip students with essential knowledge and skills in personal finance through a structured, video-based course. The program aims to promote financial awareness, responsible money management, and digital transaction literacy among school students, aligned with 21st-century competency goals in 47 schools. All the videos shall be in both English and Hindi.

The course should be designed for students of **Classes VI to VIII**, segmented into three academic levels for age-appropriate content delivery:

Upper Primary – Classes VI to VIII

Course Structure

The course should consist of modular video lessons, each focusing on a core area of financial literacy. Each module should be designed to be self-contained, engaging, and aligned with students' learning levels and to be uploaded in the school LMS. Topics include:

- I. Introduction to Money and Savings**
 - a. Understanding money and its evolution
 - b. Importance of saving from an early age
 - c. Differentiating needs and wants
- II. Budgeting and Expense Tracking**
 - a. Basics of income and expenditure
 - b. Creating a personal budget
 - c. Practical exercises in tracking daily expenses
- III. Understanding the Banking System**
 - a. Types of bank accounts and their usage
 - b. How to open and operate a savings account
 - c. Use of ATM cards, passbooks, and mobile banking basics
- IV. Digital Payments and Online Transactions**
 - a) Overview of UPI, digital wallets, and QR code payments
 - b) Setting up secure transactions
 - c) Cyber safety and precautions for online payments
- V. Loans, Interest, and Insurance**

- a) Concept of borrowing and lending
 - b) Simple and compound interest explained with real-life examples
 - c) Basic understanding of insurance and its relevance
- VI. Financial Planning and Investment Awareness**
- a) Concept of short-term and long-term financial goals
 - b) Basics of investment options like fixed deposits and mutual funds
 - c) The power of compounding and starting early
- VII. Responsible Financial Behaviour**
- a) Avoiding impulsive spending
 - b) Understanding credit traps and debt cycles
 - c) Building habits of mindful and ethical financial decisions

20. Student ID card

Scope of work: Provision of standard student ID cards for all 32199 enrolled students to support identification, school record management, and campus safety. Each ID card will include the student's name, photograph, school name, class, and other relevant details in a durable and school-branded format.

DETAIL SPECIFICATIONS

S. No.	Description
1	PVC ID card with VDP as per the specifications below: Card dimensions: 85x54 mm (W x H) Thickness: 0.75 to 0.80 mm Lanyard: 10 mm lanyard with single color printing made of yarn in PP material; Lanyard will have end user logos Cardholder in pp material
2	Web based Portal shall be provided for capturing and managing student details to adds efficiency to the process

21. Language Lab

Scope of work: Language Labs should be supplied, installed, commissioned, and supported with training in 47 schools to enhance English language learning. The lab setup should include the necessary hardware and software to facilitate interactive and immersive instruction focused on listening, speaking, reading, and writing (LSRW) skills. The licensed software should be available and proper installed in all system.

S. No.	Description	Qty. Per Lab
i.	English language Lab Software	1
ii.	Wired Headphones	15
iii.	Tablets/ Notebook (Android)	15
iv.	Networking Device for wifi connection	1

DETAILED SPECIFICATIONS –

a. English language Lab Software

Technical Specifications
1. The software should have various levels of logins for Head of Department, Teachers & Students.
2. The Software should work on Desktop PCs, Slim PCs, Thin Clients, and tablets. It will work on Windows, Linux as well as the Android operating systems
3. All the interface of the Head of Department & Teacher should be password controlled. Each student would also be provided with an individual student user id and password.
4. At any given time, multiple teachers should be able to login simultaneously.
5. The software should generate each student's performance report and the teacher can view it at any given time. The software will be able to generate teachers' activity reports as well and it is available to the Head of Department.
6. The teacher shall be able to create and assign lessons / works to all or selected students in a group or the entire class and create exams and conduct them based on text / audio-based activities. The teacher can upload files for students to access from their login ids. The teacher will create session modules for students to access a content management library on the student's dashboard for self-study even when the teacher is not present in class.
7. The software should have teaching content to be used in the classroom and practice material to be practiced by the students in the language lab. It will allow blended teaching methodology, considered the best one for skill-based language learning.
8. The student can perform reading aloud activity for more than one student or whole class at the same time without disturbing the others and record their reading. And where teachers can listen to their reading student wise at any time after the activity and give feedback to individual students.
9. Provision to automatically generate graphical representation on the recorded audio of the learner as against the originals for self-assessment and evaluation. This will facilitate pronunciation related improvement. It will also let a student understand which part of the word, phrase or sentence recorded needs improvement.
10. The software should allow the teacher to have text chat with all the students or a group of students. This could be broadcast mode or personal chat mode.
11. The software should have a provision for talking to a certain student, group of students or broadcast to all the students in the class.
12. The teacher should be able to share their screen with the students or see their screen to monitor the activities.

13. The Software should have 10 levels ranging from pre-A1 to C1 level with substantial content to hone the learner skills and should be based on the Blended Learning Mechanism, i.e. It should have Instructor Lead Teaching (ILT/ Classroom teaching) content as well as Computer Based Teaching (CBT/Lab practice) content. Basic Level should use the contextual learning methodology.

14. The software should consist of a glossary of words with correct pronunciation in the Indian context. The software will have feature where Vocabulary Test can be taken – The activity should allow teachers to easily conduct word quiz -type language learning tests. The system should have a ready word list and students will then need to simply fill in their answers in a dialog that is launched on their screens. The activity should allow teachers to create, launch and save tests, as well as collect results. Teachers should be able to see the individual reports of each student's activity. The content shall have below featured: –

- a. Boggle
- b. True or False
- c. Rearrange the sentence
- d. Fill in the Blanks
- e. Multiple Choice Question
- f. Match the Items
- g. Select Word
- h. Syllable Breakup
- i. Punctuation
- j. Insert Word
- k. Audio Record

Subjective Answers

15. The software should have 3D animated near human looking mouth movements for proper articulation for all 44 sounds. These include the Vowel Sounds – Monophthongs Diphthongs and Consonant sounds. These should be available as front facing and side facing models.

16. It should cater to all the four skills with the following given activities:

- a. Speaking

b. Listening
c. Reading
d. Writing
17. The software should have 300 learning modules, 6000 exercises/ assessments and 3000 vocabulary words.
18. Train the Trainer program will be provided by a subject matter expert.
18. Language lab Software should have content in English & Hindi.

b. Wired Headphones

Over the year headset with cushion and 3.5 MM jack, 1.5 M cable length, 40 MM or higher driver, 32 Ohm or higher speaker Impedance, 20 Hz to 20 Khz frequency, 98 dB sensitivity, adjustable mic. OEM should comply with GFR – 144 (xi) (Land Border Clause).

c(i) Tablets

Sl. No.	Parameters	Minimum specification
1	CPU GHz	2 GHz Octa-Core or higher
2	Technology	GSM/HSPA/LTE/5G
3	Operating system & OS Version	Android 13 or higher
4	SIM Type	SS/Micro sim/Nano SIM
5	RAM	4 GB or higher
6	ROM	64 GB or above
7	Expandable Memory	512 GB or higher
8	Screen resolution	1340 X 800 resolution or higher
9	Speakers	Dual speakers
10	Screen Type	TFT
11	Display Size	11 inches or higher
12	Camera Rear	8.0 MP or higher
13	Camera Front	2.0 MP or higher
14	Wireless type	802.11a/b/g/n/ac Dual band
15	Battery mAh	Min. 5000 mAH battery or higher
16	Number of Lithium Ion Cells	1
17	Included components	USB Type-C Cable, Ejection Pin, Quick Start Guide (QSG), Travel Adaptor without cable

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18	Warranty (Years)	1 or more
19	Certification	BIS, FCC/WPC (ETA), ROHS, SAR, GMS & EPR along with CB/UL, CE or equivalent Indian Certificates
OEM should comply with GFR – 144 (xi) (Land Boarder Clause)		

c(ii) Android Notebook

Specification Category	Specification Attribute	Details
Android Notebook Configuration	SOC	Octa-Core, 4*A73 4*A53 or Higher Frequency of 1.8 GHz or more
	System Memory	4 GB or Higher
	System Storage	64 GB
	Operating System	Android 11.0 or Later
Hardware	Form Factor	Notebook with inbuilt physical QWERTY Keyboard & Mouse Touch Pad
	Screen Size	11.6" diagonal or more
Mobile Device Management	In-Built	The tool to manage devices, data security, push device policies, push custom apps, reports, management of applications and devices, whitelist or blacklist applications, URLs, control device functionality such as Bluetooth, Wi-Fi, Brightness
		Admin portal to manage Tablet/Notebook remotely to enrol, deploy and configure all Tablet/Notebook, applications and security Policies
		Install or upgrade applications remotely, Features for Admin to change wallpapers remotely, Features to prevent user to change wallpapers set by admin, Features for admin to remotely send audio, video, PDF and APK files
Display	Panel Type	LCD Panel, IPS Technology
	Resolution (pixel) & Brightness	1366 x 768 or Higher, 250 Tenders or Higher
I/O Ports	In-Built	Mini HDMI, SD Card Slot (upto 512 GB external SD Card), USB 2.0 x 2, 3.5 mm Stereo out
Certification		BIS
Training		Training teachers for mapping computer / tablet to smart class for teaching-learning process.

Note :

- Every items/material should be ISI mark/ISO Certification (Wherever applicable).
- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.

- BIS certification is required for IT hardware and major electronics hardware like Tablet PC/Android Notebook etc.
- BIS certifications/NABL testing report for the remaining items wherever applicable.
- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

22. Olympiad for Class VI to VIII

Scope of Work: Olympiad examinations in Mathematics and Science should be organized for students of Classes VI to VIII in 47 schools. The exams should be conducted offline at the school level to encourage academic excellence, competitive spirit, and analytical thinking among students.

The activity should include preparatory material, participation certificates, and recognition for top performers.

Detailed Specifications:

The bidder should be responsible for below:

- Development of Exam paper
- Free Olympiad Book should be given to the students
- Sending exam paper to the school along with OMR sheets.
- Checking of answer sheets and preparation of result
- Medals, trophies and certificates should be given to the toppers (top 3)
- Certificates should be given to all the Olympiad participants
- State level awards and certificates are also to the toppers
- Practice book for the subject chosen to be given to the students participating in Olympiad.
- School would provide a nomination list of students for conduction of Olympiad.
- Maximum of 250 children should be able to participate in Olympiad per school.

Note: Wherever applicable, the Content / educational materials either offline or online need to provide and those should be based on NCERT/State Board curriculum/ syllabus/ Textbooks in general and as per need particularly like Olympiad, quiz etc.

23. Social Science Kit

Scope of work: Social Science Kits should be supplied, installed, and supported with training in 47 schools to promote hands-on, activity-based learning. The kits should consist of educational models, instruments, and teaching aids to help students understand key concepts through interactive demonstrations. Basic training should be provided to teachers to ensure effective classroom use and integration into lesson plans.

Detail Specifications:

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The bidder shall supply one set of the below mentioned line items.

Sr. No.	Product/Item	Specifications	Qty
1	Binoculars	Material: Plastic Magnification: Typically, 8x to 12x. Objective Lens Diameter: 4cm	1
2	Solar System (8 Planets), Motorized Model	Material: Plastic Size: 5 X 9.5 X 5 inch Electrical	2
3	Compass	Material: Stainless steel Size: 3.5 inch	2
4	Solar and Lunar eclipse	Material: Plastic Size: 5 X 9.2 X 7 inch Electrical Model	1
5	Day & Night Apparatus, Electrical Model	Material: Plastic Size: 5 X 9 x 8 inch Electrical Model	1
6	Layer of Sun Model	Material: Plastic, wooden base Size: 12 X 8 Inch, Diameter 11 inch	1
7	Earth layer model	Material: Fibre, wooden base 7.5 X 14.8 X 10.5 inch Diameter: 9 inch	1
8	Volcano	Material: Fiber Size: 7 X 7 X 8 inch	1
9	Seismograph Model	Material: Iron and wood Size: 9X16 X14 Inch	1
10	4 seasons models, Electrical Model	Material: Plastic Size: 5 X 9 X 8 inch Electrical Model	2
11	Phases Of the Moon, Electrical Model	Material: Plastic Size: 5 X 9 X 8 inch Electrical Model	1
12	Wind vane	Material: Base-Cast Iron Arrows- MS Sheet Height: 26.5 inch	1
13	Anemometer simple	Material: Plastic and Metal Height 9 inch	1
14	Rain Gauge	Material: Plastic Size: Diameter: 5 inch, Height: 11.5	1
15	Set of Metals (15)	Fixed on round plastic moulded showcase having dia 225mm and depth 27mm. And a plastic disc carrying different type of metals, showcase can be easily locked and unlocked in showcase by press fitting. Overall dimension 225x27mm	2
16	Sun dial	Material: Aluminium Size: 4.5 X 7 X 5	1
17	Earthquake Model	Material: Wooden Base Size: 10.5 X 16 X 4 inch, 2 layers	1
18	Set of Rocks (15)	Fixed on round plastic moulded showcase having dia 225mm and depth 27mm. And a plastic disc carrying	2

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		different type of rocks, showcase can be easily locked and unlocked in the showcase by press fitting. Overall dimension 225x27mm	
19	Set of Minerals (15)	Fixed on round plastic molded showcase having dia 225mm and depth 27mm. And a plastic disc carrying different type of minerals, showcase can be easily locked and unlocked in showcase by press fitting. Overall dimension 225x27mm	2
20	DAM Working Model	Material: MS Sheet Base- Wooden 15.5 X 23.5 X 13.5	1
21	Windmill	Material: Plastic 6 X 9 X 12 inch	1
22	Rainwater Harvesting	Material: Plastic, Iron 15 X 24 X 13 inch Working model with a motor	1
23	Layers of Soil	Material: Fibre with detachable magnetic layers Size: 5 X 9.5 X 10	2
24	Charts on various topics	On 300 GSM Laminated paper 19 X 27 inch	20

Note:

- **All OEMs should comply with GFR – 144 (xi) (Land Border Clause).**
- Every items/material should be ISI mark/ISO Certification (Wherever applicable).
- Bidder needs to submit for every tool, equipment, kit etc., a relevant BIS certification (Wherever applicable) to get Standardised products.

Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

24. Teacher ID card

Scope of work: Standardized ID cards should be provided for all 581 teachers to support identity verification, professional recognition, and ease of access during institutional and administrative activities. Each card should include teacher details, a photo, the school name, and necessary authentication elements such as a QR code or barcode, if applicable:

DETAIL SPECIFICATIONS

S.No	Description
1	PVC ID card with VDP as per the specifications below: Card dimensions: 85x54 mm (W x H) Thickness: 0.75 to 0.80 mm Lanyard: 10 mm lanyard with single color printing made of yarn in PP material; Lanyard will have end user logos Cardholder in pp material

2	Web based Portal shall be provided for capturing and managing teacher details to add efficiency to the process
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25. First Aid Kit

Scope of Work: The selected vendor should be responsible for the supply and delivery of First Aid Kits in 47 schools, ensuring that each kit is fully equipped to address minor injuries and basic medical needs. All components should be within valid expiry dates.

The bidder should ensure proper packaging, labelling, and safe transportation. Additionally, basic operational instructions and maintenance guidelines should be provided for school staff responsible for first aid kit management and replenishment.

Sl. No.	List of Item	Qty	
1	Medications (to be administered under qualified supervision)	Paracetamol tablets (500 mg) – pack of 10	2
		ORS (Oral Rehydration Salts) packets	10
		Antiseptic ointment (e.g., Betadine)	1
		Antacid tablets (e.g., Digene) – pack of 10	2
		Anti-vomiting medication (e.g., Ondansetron) – pack of 10	2
		Pain relief gel/ spray (e.g., Diclofenac)	1
		Glucose Chewable Tablet	1
2	Wound Care Supplies	Gauze Swab	5
		Dressing Bandages 5 cm	2
		Dressing Bandages 10 cm	2
		Dressing Bandages 15 cm	2
		Crepe Bandage 10 cm	1
		Adhesive Tape 2.5 cm	1
		Cotton Roll (20 gm)	1
		Tinture Iodine Solution	1
		Antiseptic wipes	1
		Disposable gloves	2
3	Instruments	Scissors (blunt ended)	1
		Tweezers	1
		Digital thermometer	1
		Measuring spoon or cup	1
		Tongue Depressor	1
		Safety pins	1
		Pen Torch	1
4	Additional Items	CPR face shield or mask	1
		Eye wash solution	1
		Burn relief dressing	1

	Instant cold packs	1
	First aid manual	1
5	All the material above to be packed in a sturdy plastic box	

Note:

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- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

26. School Magazine

Scope of Work:

An engaging, educational, and age-appropriate monthly magazine should be developed and printed for students in Classes 1 to 5 and 6 to 8 respectively in 47 schools. The magazines should foster curiosity, reading skills, learning, creativity, and joyfulness while aligning with students' academic curriculum and interests. Three separate magazines should be created to cater to the distinct learning levels of each group.

Detailed specifications of Magazine:

No. of Pages: 48

Magazine Size: 7.75"X10.25"

Complete printing in four colours

Paper for inside on Glazed Newsprint 56 GSM.

Paper for cover 100 GSM Art Paper

Binding: Centre stitch

Bright, colourful illustrations, info graphics, and photos to engage young readers.

Each issue should revolve around a theme to tie content together

Specification of Content for Magazine:

The magazine should cover the contents from topics (not limited to) as below:

Class 1 to 5

Content

1. Mission
2. Vision
3. About us
4. Editorial
5. Notes
6. How things work

7. Ganit Gyan
 - a. Interesting facts about Maths
 - b. Fun with Mathematics
8. Whispers of Words
 - a. Cartoons -
 - b. Stories on Environment –
 - c. Poems & Stories-
 - d. Write Story from Picture -
 - e. Inspiring Poems for kids-
9. Brain Booster Zone
 - a. Find differences between two pictures.
 - b. Riddles
 - c. Quiz & Puzzles
10. Little Scientists/Science Junction
 - a. How to think like an Astronaut
 - b. Childhood of Great Scientists
 - c. About Space and Moon
11. Utsav Udaan
 - a. Festivals of India
 - b. Important Event Celebrated Worldwide
12. Learn English words
13. Kindness Corner
 - a. About Moral Values
 - b. Good Habits
14. A Day in my life
15. Creativity Corner (student drawing, art picture)
16. Feedback previous edition

Class 6 to 8

Content

1. Mission
2. Vision
3. About us
4. Editorial
5. Notes
6. Little Scientists/Science Junction
 - a. Robotics
 - b. Space & Astronomy
7. Science Spark
 - a. Earth & Environment
 - b. Biology & Life Sciences
 - c. Chemistry in Daily Life
 - d. Physics and Technology

8. Magic of Words
 - a. Public speaking
 - b. English language & Grammar
 - c. Learn Spoken English
9. Kindness Corner
 - a. Moral Values & Life skills
 - b. Skill Development & Activities
10. Cyber Corner
 - a. Computer & Technology
 - b. Artificial Intelligence
11. Knowledge Nest
 - a. Theories and Principles of Maths and Science
 - b. What is Surgical Strike
12. Brain Booster Zone
 - a. Quiz of the Month
 - b. Curiosity Corner
 - c. Journey to the Poles
 - d. Invention of the Wheel
13. Fit & Fun
 - a. Sports & Fitness
 - b. Creativity Corner (student drawing, art picture)
14. Feedback previous edition

27. Band Uniform

Scope of Work: Band uniforms (25 sets per school) should be supplied to 47 schools to enhance student participation in ceremonial, cultural, and national events. The provision of standardized, high-quality band uniforms should aim to instil discipline, pride, and team spirit in school marching bands and musical groups. Each set should contain the following line items: -

Detailed Specifications

Sl. No.	Item name	Material/ Fabric
1	Band coat/jacket	Gavadin
2	Trousers/skirt (trouser for boys)	Gavadin
3	Headgear/ P Cap	Wool and cotton
4	Lanyard	Zari and polyester
5	Belt	Cotton mix
6	Gloves (white)	Cotton mix
7	Sashes or cummerbund	Zari and polyester
8	Anklets	Zari and polyester
9	Shoes	Black, standard marching type
10	Socks	Cotton

- Uniforms should be visually consistent with the school's cultural and institutional identity.

- Designs approved by school committee, leadership and cultural/arts in-charge.

28. Health Devices

Scope of work: Supply of Health devices in 47 schools as per below specifications:

Item List:

Sl. No.	Item Details	Qty
1	Blood Pressure Monitoring Machine	01
2	Oximeter	01
3	Nebulizer	01
4	BMI Calculator Machine	02
5	Health Monitoring Software	01

Detailed specifications:

S. No.	Item Name	Technical Specifications
1	Blood Pressure Monitoring Machine	LCD Digital Display Measurement Method: Oscillometric method Measurement Range: Pressure: 0 to 299 mmHg Pulse: 40 to 180 beats/min Accuracy: Pressure: ± 3 mmHg, Pulse: $\pm 5\%$ of display reading
4	Oximeter	SpO2 and pulse rate measurement, OLED display, auto shut-off, battery operated, and fingertip design.
5	Nebulizer	Compressor-based, suitable for children, noise level < 60 dB, medication cup capacity ~10 ml.
6	BMI Calculator Machine	The BMI Machine Should have the Features: 1. Load cell based weight measurement 2. Ultrasonic based height measurement Specifications: 1. Design should be using Micro controller 2. Measurable Weight upto 150 Kg 3. Measurable Height upto 210 cm 4. Display -7 Segment Bright Red LED 5. Self-Weight - 20 Kg Approx 6. Built with rugged Metallic Structure 7. Operating Power- 230v / 50hz Ac
7	Health Monitoring Software	A Health Monitoring System for school to be designed to track and improve the health, nutrition, and overall well-being of children. Here are the key features such a system should include:

	<p>1. Child Health Tracking Growth Monitoring: Height, weight, BMI tracking with automated alerts for malnutrition.</p> <p>2. Digital Record Keeping & Reporting</p> <p>Cloud-Based Data Storage: Secure and centralized data management.</p> <p>Real-Time Data Entry via Web/Mobile App: Facilitates easy updates by school.</p> <p>Automated Reports & Dashboards</p>
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Note:

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29. Gamified Learning

Scope of Work: Lab should equip students with practical skills in interactive learning using game-based platforms, simulation tools, and digital content for hands-on engagement in concept reinforcement and skill development through gamified experiences. No. of Schools – 47.

Detailed Specifications:

S.No		Feature	Description
1	Gamified Learning Tool-Qty 1 per school	Chemistry Resource Pack	Explore elements, compounds, and chemical reactions. Conduct virtual experiments using a periodic table and lab tools.
		Custom Blocks for Educators	Special blocks to: Restrict movement, Preserve structures, Designate build zones.
		Lesson Library	Access to 600+ ready-to-teach lessons across subjects: STEM, History, Language Arts, Math, Climate Science, and more.
		AI and Cyber Safety Modules	Lessons on AI literacy, digital citizenship, and cybersecurity.
		3D Exporting	Export student creations for use in Remix 3D or other 3D modeling tools.

30. Science and Math Curiosity Programme

Multiplayer Collaboration	Supports up to 30 students in a single world without needing a separate server. Enables cross-platform play across Windows, macOS, iPad, and Chromebook. Ideal for group projects, team-based challenges, and esports programs.
Code Builder	Integrated coding environment supporting: Block-based coding (Make Code), JavaScript, Python. Students can press 'C' in-game to launch the coding interface.
Immersive Reader	Built-in tool that reads text aloud and translates it. Supports language learners and students with reading difficulties.
Classroom Mode	Companion app for teachers to: View a map of the world, Monitor student locations, Teleport students, Use a chat window for communication.
Assessment Tools	Camera and Portfolio tools allow students to document their work. Book & Quill lets students write reflections or reports in-game.
Non-Player Characters (NPCs)	Teachers can create NPCs to: Provide instructions, Share links to external resources, Guide students through lessons.

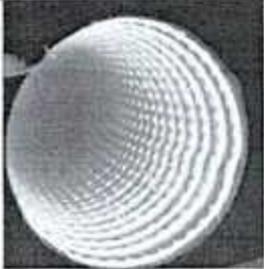
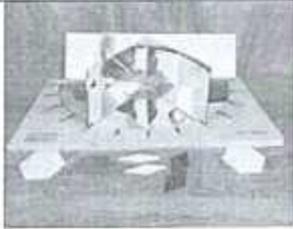
Scope of Curiosity Lab – Science & Mathematics

Science Curiosity Labs should be established in 47 schools to provide an interactive, hands-on, and concept-driven learning space where students can explore, question, and discover scientific and mathematical principles. These labs should include educational tools, DIY kits, models, visual aids, puzzles, and challenge-based learning zones that foster curiosity, analytical thinking, and problem-solving skills.

S.no	Tool Name	Specifications	Qty	Image
1	Light and Optics (Dark Room)			
A	Dark Room Infrastructure	Creating a fully enclosed space with no external light leakage. Light blocking fabric curtains should be installed with rods for demonstrating optical experiments.	1 Unit	
B	Light and Optics kit	The Light and Optics Demo Kit should include a laser ray box, an adapter to power the laser ray box, 9 different lens shapes, 1 mirror, 2 arcs, and a manual.	2	

C	Laser optical Tank	Tank should be of 8" Dia x 14" height	1	
D	Colour Shadow	Dimension should be 90mm Dia 500mm depth, come in 3 Colour lights Red, Blue & Green for showing shadow.	1	
2	Illusion and Visual Perception Zone			
A	Funny Mirror	It should include wall-mountable or free-standing mirror. Suitable for regular classroom/lab, use; lightweight and impact-resistant	2	
B	Persistence of Vision	The Zoetrope should be made on plastic moulded round container having slots on upper side, after slots 6mm border in container for better result. On bottom of container fixed barring should be there which is easily fixed in plastic moulded piler with plastic fly nut size 22mm Dia 18mm height (Accuracy +/- 10%)	1	
C	Parrot in a cage.	This apparatus should feature a base supporting two rods, each connected by rotating discs. These discs can be turned using a wooden handle. A second wooden handle is provided for manoeuvring the entire apparatus. The top of the apparatus should include a card holder. It also comes with	1(6 key cards)	

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		laminated square cards that display visual illusions.		
D	Infinity Tunnel	<p>An infinity tunnel model in a physics lab typically should consist of a series of parallel mirrors facing each other with a light source placed at one end. When an object is placed between the mirrors and the light is turned on, multiple reflections occur between the mirrors, creating the illusion of an endless tunnel of light. This phenomenon demonstrates concepts related to optics, such as reflection, refraction, and the behaviour of light waves. It can also serve as a visual representation of principles like infinity, recursion, and the nature of perception. Apparatus Should consist of plastic container having Outer Dia mini 100 mm and inner Dia 100 mm depth of container - 70mm.</p>	2	
E	Corner Mirror	<p>The corner mirror with math shapes is an educational tool combining a mirror with geometric shapes. It should allow users to explore reflections and symmetry while manipulating the shapes. This interactive learning aid facilitates understanding of spatial relationships, symmetry concepts, and geometric</p>	1	

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		properties in a hands-on and visually engaging manner.		
F	Kaleidoscope	It should be made from high-quality, shatter-resistant acrylic, these lightweight mirrors are safe and built to last, making them perfect for entertainment venues or home use Dia-70mm and length of 300mm.	2	
3	Mathematics Zone			
Puzzle Challenging Zone				
A	Tower of Brahma	Made up of 5mm multi-colour plastic/wooden material packed. Three spokes puzzle with five discs of different diameter. Base size 25cm X 08cm	2	
	Parking Puzzle	It should be made up of 5mm thick multi-colour wooden Size 16cm X 10cm X 2 cm high	2	
B	Pegboard Puzzle	It should be made up of 5mm multi-colour wooden, eleven spokes puzzle with five discs of black and five discs of white colour of 1cm diameter and 5mm height. Every disc should have central hole of 1.5 mm diameter. Every Spoke made of wooden. Spoke's height out of base should be 6mm with 2mm diameter. Base size should be 30 cm x 6 cm	2	

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C	Activity Worksheets for theorems	It should include laminated, reusable worksheets aligned to major geometry theorems (e.g., Pythagoras, Triangles, Circles).	1 Set	
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Images are indicative.

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- Bidder needs to submit the test reports for quality and safety of tools from NABL accredited lab (Wherever applicable).

31. Colourful sorting dustbins

Scope of Work: Colourful sorting dustbins painted with interesting characters for waste segregation should be supplied in 47 schools. Ten (10) dustbins should be provided per school.

DETAIL SPECIFICATIONS

S. No.	Description	Specifications
1	Capacity	50-60 L
2	Material	PPCP
3	Wheel Material	Solid Rubber
4	Total Weight	5 Kg

32. BaLA Feature

Scope of Work

Implementation of BaLA Scheme as per below mentioned specifications in 47 schools.

The BaLA (Building as Learning Aid) work in schools should focus on transforming school infrastructure into an engaging and effective learning environment using visual aids, interactive elements, and innovative uses of space to support teaching and learning.

Detailed Specifications:

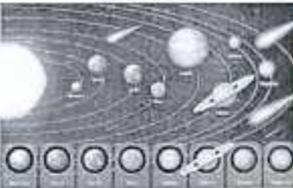
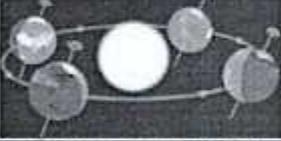
- Educational drawings on Sunboard to be provided
- Area to be covered: 200 sq.ft

Tentative Topics list to be covered: 20

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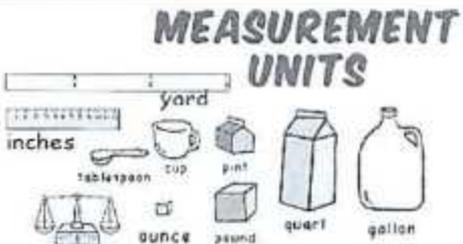
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S.NO	ITEM	QTY	IMAGE
1	Solar system	1	
2	Human Body	1	
3	Periodic table	1	
4	Fundamental Rights	1	
5	Earth and its Motion	1	
6	Laboratory Equipment	1	
7	Bihar Map	1	

12/11



12/11

8	India Map	1	
9	World Map	1	
10	Units of Measurements	1	
11	English Phonics	1	
12	Barahkhadi	1	
13	National Symbols	1	

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14	National Leader	1	
15	Types of Angles	1	
16	Good Habits	1	
17	Traffic Rules / Road Safety	1	
18	States of Matter	1	
19	Layers of Earth	1	
20	Layers of Soil	1	

Images are indicative. BEPC shall finalize content/images with the selected agency.

33. Child Friendly Furniture

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Scope of work: Supply and installation of colourful, ergonomically designed, child-friendly furniture in 47 schools aimed at enhancing the classroom environment for early-grade learners. The furniture should be designed to promote safety, comfort, and an engaging learning atmosphere for children.

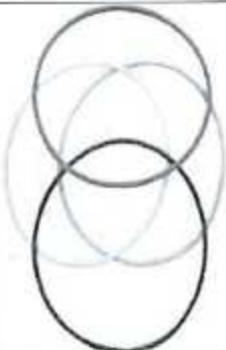
S.No	ITEM	Specifications	Qty	Image
1	Moon/ Bean Shape Table	<ul style="list-style-type: none"> Dimension: 54"x29"x20" Material: Top: 25mm MDF top/ Polypropylene (virgin) with Powder Coated and Chromed MS frame Seating capacity: 4-6 chairs Weight 8-10 Kg Approx 	10	
2	Low Height Chair	<ul style="list-style-type: none"> Material - Polypropylene (Virgin) Dimensions - H x L x W = 16.5"X11"X9.5" Weight- 1 to 1.5 kg Approx. 	30	
3	Storage Cabinet	<ul style="list-style-type: none"> Material: Polypropylene (Virgin) Size: 35 D x 55 W x 115 H cm Shelves: 4 Multicolor Weight 10 to 12 Kg Approx. 	2	
4	Mat	Eva Foam interlocking Mat 15 mm thickness (One set of 4 mats of size 24 by 24 inch)	12	
5	Bookshelf	<ul style="list-style-type: none"> 4 Tier Bookshelf Material: Polypropylene (Virgin)/ Wooden 	2	

34. Outdoor Play Material

Scope of work: Supply and installation of safe and colorful outdoor play equipment for pre-primary children in 47 schools. These materials should help young children to play, move, and learn together.

The items should be designed to support their physical growth, coordination, and social skills in a fun and friendly environment.

S. No.	ITEM	Specifications	Qty	Image
1	Jhula	Swing for younger kids. It should be made of durable and non-toxic HDPE material, with a large capacity of up to 15 KG. It should be a multi-color design. Size: L X W H: 35"x30"x42"	2	
2	See-Saw Big	Colourful kids seesaw to balance skills and strengthening muscles and for the effective physical development. Should be made of safe plastic and harmless to kids. It can be used by two kids with Metal back support with colourful seat on Top of seating area. Size: L X W: 35"X22"	2	
3	Park Slide	Colorful slide comes with 3-4 steps with ground clearance provision for safe landing of kids, slide ladder made of virgin grade non-toxic polypropylene plastic. Size: L X W X H: 50"x16"x34"	1	
4	Wavy Slide	Colourful wavy slide with 3-4 steps with ground clearance provision for safe landing of kids, slide ladder made of virgin grade non-toxic polypropylene plastic. Size: L X W X H: 60"x17"x40"	1	
5	Soft Ball	Soft Ball made of soft fabric Balls with multicolor size 160 mm dia, made of nontoxic material.	4	
6	Big Ball	Plastic/ rubber/Foam balls with multicolor with a size 8-10 cm with smooth edges made of nontoxic material.	4	
7	Plastic Bat Ball	Length- 28 Inches, Width 3 Inches, Weight 300-350 Gram	2	

8	Weight Machine	Machine should weigh large objects up to 90Kg	1	
9	Trampoline	Frame material should be mild steel Size - 40 inches or above	1	
10	STEP IN Game	Colourful stem in game should be made of virgin grade non-toxic polypropylene plastic with 5 steps	1	
11	Rockers	Animal shape colourful rocker should be made of virgin grade non-toxic polypropylene plastic with 5 steps Size: L X W X H: 28"x11"x20"	4	
12	Hula Hoops	Multicolour interlocking hula hoops, should have minimum 50 cm diameter	4	
13	Ball Pool	1 Ball Pool, Plastic Balls. Pool should be made of high-quality material and sturdy poles make the pool safe for children. Lightweight and portable Size: L X W X H: 60"x30"x20"	1	
14	Basket Stand	Ball It should be made up of virgin plastic, colourful, animal theme, adjustable height. Size: Height: 22"	1	

12m

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15	Plastic Animal Dustbin	Dustbin made up of Virgin plastic, should resemble animal body holding on to a bin	2	
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Images are indicative. Actual product image may change.

35. Pre-primary Strengthening (Recurring Grants)

Scope of Work: Supply, installation, and training for innovative and playful learning solutions to create an engaging and stimulating environment in 47 pre-primary classrooms. The setup should support early childhood development through interactive tools, basic infrastructure, and teacher-friendly resources.

The following components should be included:

List of items

S.No.	Model	Qty
1	Wall elements	5
2	Learning Corner (Bookshelf with books)	1
3	Gamified Mats	5
4	Magnetic White board with magnetic alphabets and numbers	1
5	Teaching Learning Tools	1
6	Learning Cushions	30
7	PA System with wireless mic	1
8	Smart TV	1
9	Video Contents	1
10	Art Supplies	30

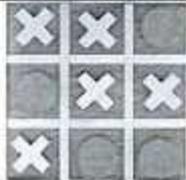
Detailed Specification

I. Wall Elements-

Creative and educational decorative wall solutions for primary school classrooms that do more than enhance aesthetics.

Decorative walls should include:

S. No.	Items	Specification	Qty	Image
1	Colour match and Ball drop	2 x 2 ft	1	
2	Big base plate for blocks	2 x 2 ft	1	

3	Giant wooden tic tac toe	2 x 2 ft	1	
4	Big Maze chase	2 x 2 ft	1	

II. Learning corner (Shelf with Books)- (4 Tier Shelf made of Virgin plastic)

Setup of a complete **Learning Corner** designed specifically for primary school students. This should include a safe, accessible bookshelf unit and a curated collection of educational and age-appropriate books.

Total no of books – 50

S. No.	Topics Covered	Qty
1	Storybooks (fiction and folk tales – English and Hindi)	10
2	Alphabet and phonics books (English and Hindi)	8
3	Basic science and environmental awareness	8
4	General knowledge and picture encyclopaedias	8
5	Moral and value-based stories	8
6	Multilingual titles (local language and English)	8
7	Bookshelf	1

III. Gamified mats

Gamified Mats designed to create an interactive and sensory-rich learning environment for young learners. Bidder should provide mats minimum (4 X 6) ft with built-in **learning games and activities** of below concepts:

S.No.	Items	Qty	Specification	Image
1	Hopscotch patterns	1	4 x 6 ft It should be non-toxic, anti-slip EVA foam or PVC	
2	Alphabet paths (A-Z)	1	4 x 6 ft It should be non-toxic, anti-slip EVA foam or PVC	

3	Colour and shape matching areas	1	4 x 6 ft It should be non-toxic, anti-slip EVA foam or PVC	
4	Directional games (e.g., "Jump to the red circle," "Find the triangle")	2	4 x 6 ft It should be non-toxic, anti-slip EVA foam or PVC	

Images are indicative. Actual product can be different as per the content.

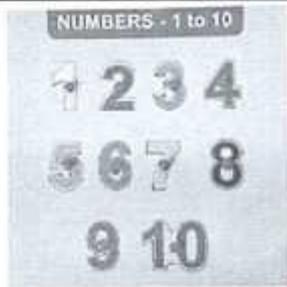
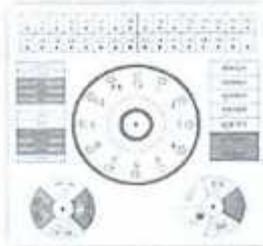
IV. Magnetic White Board with magnetic alphabets and numbers

S.NO	Items	Qty	Image
1	Magnetic White Board (size 2 by 3 ft) with magnetic alphabets and numbers	1	

V. Teaching Learning Tools

Bidder shall provide high-quality, age-appropriate educational and recreational tools for children enrolled in pre-primary school. All toys offered should be safe, durable, and designed to enhance the teaching-learning environment in schools.

S. No.	Items	Specifications	Qty	Picture
1	Lacing Buttons	This kit should contain 180 buttons in 6 colours. These buttons include different shapes. These shapes are circle, triangle, rhombus, square, pentagon, and octagon with 6 colourful laces.	1	
2	Aakar Parivar	The set should contain 25 pieces of 2D shapes in 5 different sizes and colours. Should be made up of durable, non-toxic material	1	

3	Wooden Numbers	MDF tray of size 11x11 inches with 10 cut outs of different numbers. The cutouts should be lifted easily by the help of plastic knobs attached to it & put back on same slots.	1	
4	Links	The kit should include 200 links in 4 different colours. The links should be made of non-toxic plastic.	1	
5	Wooden Calendar	This wooden calendar should be square shape of size 30 X 30 cm. Number of days, months, seasons, weather, and clock should be mentioned on the board with three pins.	1	
6	Pattern blocks	Plastic Pattern blocks should have set of 100 plastic pcs of 1cm height, containing shapes of Hexagon, Trapezium, Triangle, Square and two type of Rhombus	1	
7	Fruit & Vegetable Set	Set should contain different fruits and vegetables joint with velcro along with the chopping board and knife	1	
8	2 Rod Abacus	The set should include 1 base, 2 rods, and 20 beads in 2 different colours. It should be made up of durable & non-toxic material.	4	

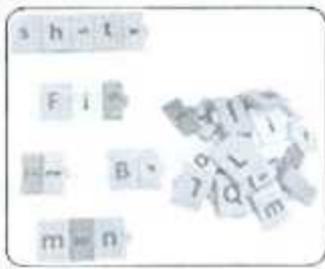
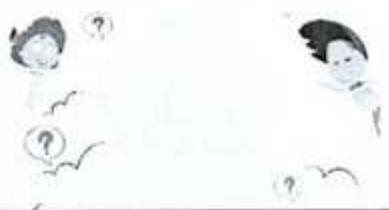
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9	Events of the day Wheel with suction spinner	The kit should contain 1 wheel of size 9 x 9 inches, printed on sunboard/ cardboard. Along with a spinner to point out events.	1	
10	Math Balance	One Number Balance of Plastic should be with one base stand, rod, scale, 20 hanging weights, and 2 pointers, Scale has a length of 33 cm with numbers printed on both sides.	4	
11	Teacher Clock	Clock should have 2 hands along with a clock stand	1	
12	Sight Words Wheel with suction spinner	The kit should contain 1 wheel of size 9 x 9 inches, printed on sun board/ cardboard. Along with a spinner to point out words.	1	
13	Word Maker plastic - Hindi	अलग-अलग रंगों की 200 कनेक्टिंग टाइलें	1	

Handwritten marks in blue ink, including a signature and some scribbles.

14	Word Maker plastic- English	200 connecting tiles should be in different colors	1	
15	Warm up Games	Set of 25 cards of size 5 x 9 inches, should be printed on 300 GSM laminated card with Triple fold	1	
16	Currency with money concept cards	The kit should contain paper currency- 3 notes each of ₹ 1, 2, 5, 10, 20, 50, 100, and 1 note each of ₹ 200 and 500. Also, the kit should have non-toxic plastic made coins [3 coins each of ₹ 1, 2, 5, 10, 20] respectively. Set of 40 cards of size 2 x 2 inches.	1	
17	Community Helpers	MDF tray with 10 cut outs of different helpers of size 11x11 inches. The cutouts should be lifted easily by the help of plastic knobs attached to it & put back on same slots.	1	
18	Emotion Puzzle (set of 7)	Set should contain 7 different emotions, each of size 4x4 inches.	4	

Note: Bidder shall need to submit the samples for all above line items (1 unit each) on or before tender submission

VI. Learning Cushions-

17m

17m

S.NO	Items	Specification	Qty	Image
1	Learning Cushion to create interactive, organized, and child-friendly learning spaces.	It should be made of falalen material or equivalent Size - 40 x 30 cm	30	

The learning cushion shall include a curated set covering the following themes:

1. **Alphabet & Phonics**
Introduction to letters, sounds, and basic word formation.
2. **Numbers & Counting**
Basic numeracy, counting games, and number recognition.
3. **Colours & Shapes**
Visual learning of primary colours and basic shapes.
4. **Animals & Nature**
Farm animals, wild animals, marine life, and plants.
5. **Daily Routines & Good Habits**
Hygiene, getting ready for school, manners, etc.
6. **Seasons & Weather**
Understanding changes in weather and the four seasons.
7. **Storytelling and Reading Time**
Create a cozy reading zone with cushions to promote engagement and focus.
8. **Five Senses Activities**
Explore texture, sound, and movement through sensory cushions.
9. **Weather and Seasons**
Sit on weather-symbol cushions during weather chart discussions.
10. **Music and Rhythm**
Drum on cushions, sit in rhythm circles, or use for movement and dance.

VII. PA System (Mic and speaker)-

PA System (Speaker and Mic) - Output Power (RMS): 50W or more

BT v5.0 or latest | HDMI | Optical IN | USB | AUX

Driver Size: 5.5 x 9.5 cm (x2) or more

Impedance: 8Ω

Frequency Response: 50Hz-20kHz

S/N Ratio: ≥66dB

Separation: ≥40dB

File Format Support (USB): MP3

Line Input: 3.5mm, Optical IN, HDMI (ARC)

Speaker should come under Bar Technology with Cordless handheld Mic

Handwritten signatures and marks in blue ink.

VIII. Smart TV

- 55", UHD TV, Smart TV, speakers 10wx2, HDMI-3, USB-2, LAN-1

IX. Video contents in a Pen Drive

List of Videos contents:

S. No.	Topics
1	शरीर के अंग
2	Sounds of English alphabets and words (Monosyllabic)
3	पशु पक्षियों की बोलियाँ
4	Numerals (English, Hindi)
5	स्वर और व्यंजन की पहचान
6	मात्राओं का ज्ञान - नारदखंडी
7	आकृतियाँ और उनकी आकृतिक समझ
8	दिनचर्या
9	मेरा परिवार
10	संबन्ध अक्षर
11	कविता संवाद
12	क्रम में लगाना
13	तुलना करना
14	चित्र/चित्रकथा पर मौखिक बातचीत
15	Letter picture Association (A for Apple.)
16	Name of Fruits
17	Good Habits and Bad Habits
18	Names of Vegetables
19	Animals and their young ones
20	Self-Introduction

X. Art Supplies

Bidder shall supply 30 sets of high-quality art and craft kit per school that should comply with child safety standards and are intended to promote artistic expression in a creative and engaging classroom setting. Each set must contain below line items -

- One workbook of minimum 32 pages
- Set of 12 crayons (80 mm length, 8 mm dia)
- Multicolour Modelling clay with roller in a tub (100 gm)
- Shape Stencil
- Green Slate and a pack of 10 chalks

36. Inventory Management System

- Supplier Portal Features

- ii. Suppliers shall mark materials as "Dispatched" to the department.
- iii. Suppliers shall enter shipment details, including the type and quantity of each line item/equipment dispatched.
- iv. Department Portal Features
- v. Departments should be able to acknowledge receipt of goods by marking them as "Received from Supplier."
- vi. Departments shall issue line item /equipment to schools by recording:
- vii. School Name
- viii. Type of Instruments
- ix. Quantity Issued
- x. School Portal Features
- xi. Schools should confirm receipt of equipment by marking them as "Received from Department."
- xii. System-Level Features
- xiii. Maintain a Master List of Schools.
- xiv. Maintain a Master List of Equipment.
- xv. Enable User Account Creation for:
- xvi. Schools
- xvii. Department Users
- xviii. Suppliers
- xix. Generate a variety of reports, including:
- xx. School-wise stock reports showing the quantity of equipment available.
- xxi. Dispatch reports summarizing the type and number of equipment shipped by various stakeholders within a defined time period.
- xxii. Vendor-level dispatch reports showing instruments marked as "Dispatched" by suppliers.
- xxiii. Pending receipt reports identifying instruments marked as "Dispatched" by vendors but not yet received by the department.

xxiv. Issue reports showing items issued to schools by the department.

38. Distribution tracking software:

The scope of work should include the design and development of an application for tracking and tracing the movement of shipment batches from the headquarters/State Level to various districts and across the entire value chain up to the school level.

The application should have the following features: -

- a) Each batch shipment will be assigned a unique QR Code/Bar Code
- b) Each batch will have certain fields assigned to it like date of dispatch, source/origin point, destination point, transit route with all interim locations tagged onto the same.
- c) Provision shall be made for all transit points (like district, block, school etc.) to update the information contained in the database (like "received", "dispatched", "cancelled", "delayed" etc.) by scanning the QR Code/Bar Code on the batch shipment. This updation shall be made upon receipt and dispatch of shipment respectively with an option to enter remarks (to input certain important information pertaining to the state of receipt, dispatch, delay etc.)
- d) Provision shall be made to track the shipment by all concerned stakeholders like "Dept. HQRS", "District Level Officer", "Block Level Officer" and "School" to track the journey of the batch shipment through their respective logins in the mobile application. A graphical seek-bar on the UI can be provided pictorially depicting (representational) the complete route highlighting the areas covered/remaining towards the final destination.
- e) Provision will be made for the administrator to manually update the status of the shipment in case any stakeholder in the value chain is unable to update the information due to technical glitches.
- f) Provision for the administrator to define the different masters like "Shipment Status", "Shipment Size/Category", "locations" (for entering "Place of Origin" & "Place of Delivery"), mechanism for defining the transit route, estimated time of delivery etc.
- g) Provision for the administrator to define roles in the system with access rights & privileges and assigning them to different users.
- h) Provision for the administrator to define the various users or optionally, users can download the application from the Android play-store and register themselves using some authentication mechanism.
- i) Provision for the administrator to view/download/print certain pre-defined reports like no. of shipments delivered in a particular time-period, no. of shipments pending to be delivered, no. of shipments which have overrun their estimated time of delivery etc.

- j) Provision for sending different application-based alerts and notifications to all stakeholders upon triggering of key events like “package received”, “package dispatched” etc.

39. OEM Turnover:

OEM Turnover for Desktop, Printer, UPS, IFP, Tablets, Digital Signage/Commercial TV.	OEMs of Desktop, Printer, UPS, IFP, Tablets, Digital Signage/Commercial TV should have average annual turnover of Rs. 200 crores during last 5 years as on bid submission date.
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40. MAF:

Manufacturer Authorisation form (MAF)	Manufacturer Authorisation form (MAF) mentioning tender name and confirming the compliance to matching specifications and warranty of 5 years for Desktop, Printer, UPS along with batteries, IFP, Tablet/Notebook, Digital Signage, Music Keyboard, Speakers, Web Camera, language Lab Software wherever BIS is mandatory as per RFP requirement. Format for MAF is being annexed.
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41. BIS Certification /NABL Test Report:

BIS certification is required for IT hardware and major electronics hardware like Desktop, UPS, Networking Component, Printer, Speaker, Musical Electronic Keyboard, Tablet PC/Android Notebook, IFP, Webcam, Digital Signage/Commercial TV, Laptop, Smartphone, Smart TV, Science Student Kit and STEM School Kit.

BIS certifications/NABL testing report for the remaining items wherever applicable.