

BID DOCUMENT

NATIONAL COMPETITIVE BIDDING

SELECTION OF SYSTEM INTEGRATOR FOR

**Designing, Delivery, Installation & Commissioning of
TLM, TLM Park, Science & Maths Kits and other
solutions across Government Schools of Tripura.**

TENDER NO.: EdCIL/DES/TRIPURA/2025

dated 07.02.2025.



EdCIL (India) Limited

A Govt. of India Category-I Mini Ratna CPSE

EdCIL House, Plot No. 18A, Sector 16A,

Noida-201301 (U.P.) India

Tel: 0120 – 2512001-006, FAX: 0120-2515372

Reg. Office: 7th Floor, Ambadeep Building,

K G Marg, New Delhi-110001

CIN No. U74899DL1981GOI011882

DISCLAIMER

The information contained in this Request for Proposal document (the "RFP") or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of the EdCIL (India) Limited or any of its employees or advisors, is provided to Bidder(s) on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.

This RFP is not an Agreement and is neither an offer nor invitation by EdCIL to the prospective Bidders or any other person. The purpose of this RFP is to provide interested parties with information that may be useful to them in making their financial offers (BIDs) pursuant to this RFP. This RFP includes statements, which reflect various assumptions and assessments arrived at by EdCIL in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This RFP may not be appropriate for all persons, and it is not possible for the EdCIL, its employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this RFP. The assumptions, assessments, statements and information contained in the Bidding Documents may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this RFP and obtain independent advice from appropriate sources.

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

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

EdCIL does not accept liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this RFP. EdCIL may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this RFP. The issue of this RFP does not imply that EdCIL is bound to select a Bidder or to appoint the Selected Bidder, as the case may be, for the Project and EdCIL reserves the right to reject all or any of the Bidders or BIDs without assigning any reason whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its BID including but not limited to preparation, copying, postage, delivery fees, expenses

associated with any demonstrations or presentations which may be required by EdCIL, site visits, investigations, studies or any other costs incurred in connection with or relating to its BID. All such costs and expenses will remain with the Bidder and EdCIL shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the BID, regardless of the conduct or outcome of the Bidding Process.

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(e-Tendering mode)
EdCIL (INDIA) LIMITED
(A Govt. of India Mini Ratna CATEOGRY-I CPSE)
SECTOR 16A, NOIDA

N.I.T. No.: EdCIL/DES/TRIPURA/2025

Date: 07.02.2025

Name of work	Selection of System Integrator for “Designing, Delivery, Installation & Commissioning of TLM, TLM Park, Science & Maths Kits and other solutions across Government Schools of Tripura”.
The Currency in which payment shall be made	Indian Rupees (INR)
Date of Issue/Publishing	07.02.2025
Pre-Bid Submission via email	10.02.2025 till 18:00 Hrs
Pre-Bid meeting, if required	11.02.2025 at 14:00 Hrs
Last Date and Time for receipts of Bids	24.02.2025 till 11:00 Hrs. In case a Holiday is declared on the day of the event, the same will be held on the next working day at the same time & venue.
Date and Time of Opening of Technical Bids	24.02.2025 at 11:30 Hrs
Earnest Money Deposit	EMD in form of Bank Guarantee / Demand Draft. Scanned copy to be uploaded with tender documents and original BG/ DD has to be submitted. In case EMD is submitted in the form of BG, the BG should be valid till 45 days after the bid validity date, as per Annexure-X. The list of banks from where the EMD is acceptable is placed at annexure XV. The bidder who is participating is required to submit ₹ 11,00,000/- against the EMD. Note: Bidders registered with MSME and having valid registration certificates issued by NSIC/MSME are exempted for submission of EMD.
No. of Covers	02 (Two Packets)
Bid Validity days	180 days (From last date of opening of tender)
Performance Bank Guarantee (PBG)	3% of the total work value of the successful bidder. PBG is required to be submitted within 14 days from the date of issue of LOA as per Annexure-XI
Email Address	ninadpatil@edcil.co.in, destenders@edcil.co.in , anshulgupta@edcil.co.in
Corporate Office	EdCIL House, 18-A, Sector 16A, Film City, Noida, Uttar Pradesh 201301

CHAPTER- I

Offline and Online Bid Submission Documents

1.1 Offline Submissions:

The bidder is requested to submit the hardcopy of the below mentioned documents in a Sealed Envelope and the Solutions to the following address before the start of Public Online Tender Opening Event.

Address: Plot No. 18A, EdCIL House, Sector 16A, Film city, Noida-201301

The envelope shall bear name (the project name), the tender number and the words 'DO NOT OPEN BEFORE' (due date & time).

- I. Original copy of the EMD Security in the form of Demand Draft/BG.
- II. Original Power of Attorney / Board Resolution Copy on a non-judicial stamp paper

Note: The Bidder should also upload the scanned copies of all the above-mentioned original documents as Bid-Annexure during Online Bid-Submission.

1.2 Online Submissions:

The Online bids (complete in all respect) must be uploaded online as explained below:

Envelope – 1 (Following documents to be provided as single PDF file) (File Size should be less than 5 mb)			
Sl. No.	Documents	Content	File Types
1.	Technical Bid	Technical Compliance Sheet as per Annexure-I	.PDF
2.		Declaration Sheet as per Annexure-II	.PDF
3.		Letter of Undertaking as per Annexure-III	.PDF
4.		Undertaking of Non-Blacklisting as per Annexure-IV	.PDF
5.		Financial Statement as per Annexure-V	.PDF
6.		List of Orders Completed for Govt. Organization/Autonomous Institutes in India as per Annexure VI	.PDF
7.		Manufacturer Authorization Form as per Annexure VII	.PDF
8.		Power of Attorney as per Annexure VIII	.PDF
9.		Letter of Bid Submission as per Annexure IX	.PDF
10.		Bank Guarantee towards Bid Security (EMD) as per Annexure X	.PDF
12.		Performa pre contract integrity pact as per Annexure XII	.PDF
13.		Equipment Specification Compliance as per Annexure- XVI	.PDF
14.		Performa for declaration on proceedings under insolvency and bankruptcy code, 2016 Annexure-XVIII	.PDF
15.		Land border undertaking as per Annexure XIX	.PDF
15.	Financial Bid	Financial Bid Submission form	.PDF
16.		Price Bid as per financial bid (Form 1)	.XLS

Note: Technical Bid should not contain any financial terms and pricing.

CHAPTER-II

Term of Reference & Definitions

Term	Definition
Supplier	"Supplier" means any company/organization responding to the "Selection of System Integrator For Designing, Delivery, and Installation & Commissioning of TLM, TLM Park, Science & Maths Kits and other solutions across Government Schools of Tripura who has successfully qualified the bid and will address and deliver all the requirements of the project.
Authorized Signatory	The bidder's representative (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 from the Competent authority of the respective Bidding firm.
Bid	"Bid" means the response to this document presented in Two Packets, Technical Cum Commercial Bid and Financial Bid, which are supplied with necessary documents and forms as given in Annexure, complete in all respect adhering to the instructions and spirit of this document.
Bidder	"Bidder" means any company responding to a Request for Proposal and who makes a Bid.
Contract	"The Contract" means the agreement entered into between EdCIL and the selected bidder(s) in terms of clauses mentioned
Day	"Day" means a working day as per rules of EdCIL.
EMD	Earnest Money Deposit
D.D	Demand Draft
EdCIL	EdCIL (India) Limited, Noida (A Mini Ratna Category -I CPSE)
TC	Tender Committee
PBG	Performance Bank Guarantee
Security Deposit (SD)	Amount of the Order Value deposited by the Bidder and retained till the successful completion of the project (as long as the bidder fulfils the contractual agreement).
Services	"Services" means the services to be delivered by the successful bidder and as required to run the project successfully as per the Contract.
RFP/Tender	" RFP " / Tender means the Request for Proposals
Goods and Materials	"Goods and Materials" shall mean the articles, materials, equipment, IT Equipment, supplier's drawings, data and other property and all services-including design, delivery, installation, inspection and maintenance support specified or required to complete the order and incidental thereto.
Order	"Order" shall mean the Purchase Order/Work order and its attachments and exhibits.
Consignee	"Consignee" shall mean EdCIL (India) Limited/ end client.
EdCIL / Purchaser	"EdCIL/ Purchaser" shall mean EdCIL (India) Limited.

CHAPTER-III

Instructions for e-Tendering

Instructions for Online Bid Submission:

1. E-tendering is new technology for conducting public procurement in a transparent and secured manner. As per Government of India's directives, EdCIL (India) Limited has adopted E-tendering.
2. For conducting electronic tendering, EdCIL (India) Limited has decided to use Electronic tender portal link available with detailed information on e-tendering process. This portal built using electronic tender's software is referred to as www.tenderwizard.com/EDCIL.
3. The bidders are required to submit soft copies of their bids electronically on www.tenderwizard.com/EDCIL e-tendering website, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the Tender Wizard E-Tendering Portal, prepare their bids in accordance with the requirements and submitting their bids online on the Tender Wizard E-Tendering Portal.
4. The scope of work to be tendered is available in the complete bid documents which can be viewed /downloaded from Tender Wizard E-Tendering Portal of www.tenderwizard.com/EDCIL. Both Technical Bid and Financial Bid will be submitted concurrently duly digitally signed in the website www.tenderwizard.com/EDCIL. No claim shall be entertained on account of disruptions of internet service being used by bidders. Bidders are advised to upload their bids well in advance to avoid last minute technical snags.
5. All Corrigendum/Amendment/Corrections, if any, will be published on the website www.tenderwizard.com/EDCIL as well as on EdCIL's website.
6. It is mandatory for all the applicants to have class-III Digital Signature Certificate (in the name of person who will sign the bid document) from any of the licensed certifying agency (Bidders can see the list of licensed Certifying Agencies from the link www.cca.gov.in) to participate in e-Procurement of EdCIL.
7. It is mandatory for the bidders to get their Supplier registered with e-procurement portal of EdCIL, i.e. www.tenderwizard.com/EDCIL to have user ID & password by submitting a non-refundable annual registration charge as follows:

1	Registration charges for 1 year	Rs. 2000/-
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(exclusive of taxes, levies, etc.) which can be paid online using the e-payment gateway to KEONICS through the portal address mentioned above. The registration so obtained by the prospective bidder shall be valid for one year from the date of its issue and shall be subsequently renewed.

- i. Participant shall safely keep their User ID and password, which will be issued by the service provider i.e. KEONICS Ltd. upon registration, and which is necessary for e-tendering.
- ii. Bidders are advised to change the password immediately on receipt of activation mail.

- iii. Bidders shall not disclose their User ID as well as password and other material information relating to the e-tendering to any one and safeguard its secrecy.
- 8. Submit your tender well in advance by relevant documents along with copy of EMD of tender submission deadline on Tender Wizard E-Tendering Portal www.tenderwizard.com/EDCIL, as there could be last minute problems due to internet timeout, breakdown, etc.
- 9. Tenders should be submitted only through Tender Wizard E-Tendering Portal and obtain the Tender Acknowledgement copy as a proof of successful submission.
- 10. Vendors are requested to contact at Tender wizard Helpdesk for any information regarding E-tendering / training.

EdCIL / Tender Wizard E-Tendering Portal Helpdesk
Customer Support: 080-49352000 (Multiple Telephone lines) Emergency Mobile Numbers: 9686115318 / 8800496478 / 8800445981 (Please contact in case of emergency during non-working hours.)
To Tender Wizard harishkumar.kb@etenderwizard.com ambasa@etenderwizard.com arijeet@etenderwizard.com twhelpdesk963@gmail.com sandeep.g@etenderwizard.com & cc to: destenders@edcil.co.in & ninadpatil@edcil.co.in

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum/addendum published on the portal before submitting their bids.
- 2) **Please go through the tender document carefully to understand the documents required to be submitted as part of the bid.** Please note the number of covers in which the bid documents have to be submitted, the number of documents (including the names and content of each of the document) that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/ schedule and generally, these can be in PDF format. Bid documents may be scanned with 100dpi with black and white option.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission and complete all formalities of registration (at least two days in advance of the closing date) so that he/she uploads the bid in time i.e. on or before the bid submission time. Bidder will be sole responsible for any delay in uploading of bid within the stipulated time.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to pay EMD as applicable through demand draft/BG/direct bank transfer as per tender condition in favour of "EdCIL (India) Ltd" payable at Noida and enter details of

the instruments. Original copies of demand draft/BG for EMD are required to be submitted.

- 4) A standard Financial Bid form has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the financial bid format is found to be modified by the bidder, the bid will be rejected.
- 5) The server time will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 6) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

ASSISTANCE TO BIDDERS

Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority. For any other tender related queries bidders are requested to contact on below given numbers/email.

EdCIL / Tender Wizard E-Tendering Portal Helpdesk
Customer Support: 080-49352000 (Multiple Telephone lines) Emergency Mobile Numbers: 9686115318 / 8800496478 / 8800445981 (Please contact in case of emergency during non-working hours.)
To Tender Wizard harishkumar.kb@etenderwizard.com ambasa@etenderwizard.com arijeet@etenderwizard.com twhelpdesk963@gmail.com sandeep.g@etenderwizard.com & cc to: destenders@edcil.co.in & ninadpatil@edcil.co.in

Offline Submissions: (AS PER TENDER REQUIREMENT)

The bidder is requested to submit documents as mentioned in the **Clause 1.1**

MINIMUM REQUIREMENTS AT BIDDER'S END

- Computer System having configuration with minimum Windows 7 or above, and Broadband connectivity
- Digital Certificate(s)

CHAPTER-IV

INSTRUCTION TO BIDDERS

4.1 Due date:

The tender has to be submitted before the due date and time. The offers received after the due date and time will not be considered.

4.2 Preparation of Bids:

The offer/ bid shall be submitted in **two bid systems (i.e.) Technical Bid and Financial Bid**. The technical bid shall consist of all technical details along with commercial terms and conditions. Financial bid shall indicate component wise price for all the mentioned component in the financial bid in the given PDF format. Technical Bid should not contain any financial terms and pricing.

4.3 Language of Proposal:

The proposal prepared by the company and all correspondence and documents relating to the RFP exchanged by the bidder and the Client, shall be written in the English language, provided that any printed literature furnished by the firm may be written in another language so long as accompanied by an English translation in which case, for purposes of interpretation of the bid, the English translation shall govern.

4.4 Cost of Bidding:

The bidder shall bear all costs associated with the preparation and submission of its bid, including cost of presentation for the purposes of clarification of the bid, if so desired by the client and client will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

The bidder is expected to carefully examine all instructions, forms, terms and specifications in the bid document. Failure to furnish all information required in the bid document or submission of a bid not substantially responsive to the bid document in every respect will be at the firm's risk and may result in the rejection of the bid.

4.5 EMD:

The Bidder should submit EMD through Demand Draft drawn in favor of "EdCIL (India) Limited" payable at NOIDA. The Bid sent without EMD would be considered as UNRESPONSIVE and will not be considered.

In case EMD is submitted in the form of BG, the BG should be valid till 45 days after the bid validity date, as per Annexure-X. The list of banks is detailed in Annexure XV.

The bidder should enclose EMD in the form of Bank Guarantee/ Demand Draft drawn in favor of EdCIL (India) Limited and payable at NOIDA, with the Technical Bid. The list of banks from where the EMD is acceptable is placed at annexure XV. The bidder who is participating is required to submit ₹ 11,00,000/- against the EMD.

Note: Bidders registered with MSME and having valid registration certificates issued by NSIC/MSME are exempted for submission of EMD.

4.6 Refund of EMD:

- I. The EMD will be returned to unsuccessful Bidder(s) after the award of the work order to the successful bidder.
- II. Earnest money will be forfeited if the bidder unilaterally withdraws the offer, or unilaterally amends, impairs or rescinds the offer within the period of its validity.
- III. In Case of Successful Bidder, the EMD shall be returned after submission of 3% Performance Bank Guarantee from the list of banks detailed in Annexure XV.
- IV. A bidder's bid security will be forfeited if the successful bidder fails to sign the contract or furnish the required PBG within specified period.

4.7 Acceptance/ Rejection of bids:

- I. EdCIL reserves the right to reject any or all offers without assigning any reason.
- II. EdCIL based on the requirement without assigning any reason to the Bidder may split work/Scope/Bid offer in stages or in parts according to the need of work for ease of execution of work.

4.8 Amendment in Tender Document

At any time up to the last date for receipt of RFP, EdCIL may, for any reason, whether at his own initiative or in response to a clarification requested by a prospective company, modify the Bid Document by an amendment. The amendment will be notified on EdCIL's website and will be binding.

4.9 Termination for convenience

EdCIL reserves the right to terminate the contract at any time without assigning any reason thereof.

CHAPTER-V

SCOPE OF WORK

EdCIL (India) Limited is a Government of India Mini-Ratna Category-I CPSE under Ministry of Education. It is the only CPSE offering project and consultancy management services in all areas of education and human resource development within India and overseas. EdCIL also works as a turnkey service provider for implementation of the various types of Digital solutions and providing its services.

The company accordingly focuses on all emerging areas of IT/ICT applications in the education sector. The vision of the company is to transform the teaching - learning process by improving communication and Collaboration among the faculty, students and administrators of the college through digital initiatives. The aim is to improve integration of technology into the teaching-learning spectrum and encourage students to become creators of their own learning by incorporating 21st century skills such as creativity and critical thinking.

EdCIL intends to implement following solutions across the Govt Schools of Tripura:

1. Supply of TLM for Implementation of Innovative Pedagogies and TLM for Children (ECCE)
2. Design, Supply & Installation of TLM Park
3. Implementation of Learning Enhancement Program (LEP)
4. Supply of Science and Math Kits
5. Implementation of Youth & Eco Clubs

For implementation of the detailed scope of work to be implemented across the Govt. Schools of Tripura, EdCIL invites the bid for Selection of System Integrator for “Designing, Delivery, Installation & Commissioning of TLM, TLM Park, Science & Maths Kits and other solutions across Government Schools of Tripura”.

The details of the solution are as follows:

1. TLM Park & TLM for Implementation of Innovative Pedagogies

The **Teaching Learning Material (TLM) Park** initiative is designed to provide students with an engaging, hands-on learning experience that enhances foundational literacy, numeracy, and subject mastery through interactive and contextually relevant materials. The TLM Park will be implemented in 254 elementary schools and 124 secondary schools (100- Samagra Shiksha, 24- PM Shri) as a space where students can explore subjects such as math, science, literacy, and environmental education through outdoor installations, puzzles, and experiential activities.

Aligned with the principles of the National Education Policy (NEP) 2020, **Jadui Pitara** promotes active learning, creativity, and critical thinking by utilizing locally contextualized materials, storybooks, puzzles, board games, and educational toys. Teachers will receive specialized training to use these materials effectively, making the classroom experience more interactive, engaging, and student-centred. The initiative will ensure that students from diverse

linguistic and cultural backgrounds can connect with the content while achieving academic success. 4409 units (4302 Samagra Shiksha, 107 PM Shri) of Jadui Pitara will be distributed among 2,41,127+ students across primary schools of the state of Tripura.

Objectives for Implementation of Innovative Pedagogies and TLM for Children (ECCE):

- To enable high-quality, contextually relevant teaching-learning materials for Early Childhood Care and Education (ECCE) and primary education, fostering interactive and experiential learning.
- To provide children with age-appropriate and culturally relevant TLM, promoting foundational literacy, numeracy, and cognitive development through hands-on activities.
- To support teachers with resources and tools that enhance pedagogical approaches, enabling them to create engaging and innovative classroom environments.
- To establish an ecosystem that encourages collaborative learning, critical thinking, and creativity among young learners.

Objectives of TLM Park

- To create dedicated learning spaces equipped with innovative TLM tools that support experiential and inquiry-based learning for subjects such as Math, Science, and Literacy.
- To promote collaboration among students through interactive activities, enabling them to work in groups and share ideas in a stimulating environment.
- To provide teachers with access to high-quality resources that enhance their ability to deliver engaging lessons tailored to diverse learning needs. To develop a flexible and vibrant learning ecosystem that encourages hands-on exploration and active participation from students and teachers alike.

The major components factored for the project are listed below:

1. TLM Park & TLM for Implementation of Innovative Pedagogies:

- i. Site survey and feasibility assessment to identify suitable locations in schools for setting up the TLM Parks.
- ii. Supply, and installation of interactive learning materials such as geometric shapes, puzzles, storybooks, and educational tools in the selected schools as per annexure attached for TLM Park
- iii. Configuration and setup of the TLM Parks, ensuring appropriate space allocation for subject-specific zones like Math, Science, and Literacy.
- iv. Delivery of all Teaching and learning materials (TLM) Jadui Pitara to the designated schools, ensuring safe handling during transportation and installation.
- v. Development of supplementary learning content and study materials aligned with innovative pedagogies, ensuring compatibility with local curricula.
- vi. Online QR based learning materials on usages of TLM Park as well as Jadui Pitara effectively for enhancing interactions, which will be managed in a learning management system.
- vii. The implementing agency will be responsible for providing one year of operational and management support for the TLM Park and ensuring that teachers are equipped to integrate these materials into their teaching practices.

- viii. The school authorities will be responsible for the general upkeep and safety of the TLM Parks.
- ix. Regular updates and documentation of the project's progress will be maintained, with reports submitted to the Samagra Shiksha/EdCIL Management Team.
- x. Mandatory submission of delivery certificates for both: the school-wise TLM Park delivery & installation and district-wise TLM (Jadui Pitara) delivery as documentary evidence.
- xi. Ongoing support, including helpdesk and onsite visits, for addressing any issues with the TLM materials or infrastructure.

Bill of Material

Teaching Learning Materials for Implementation of Innovative Pedagogies				
S. No.	Item	Specification	Qty per set/box	Reference
1	TAMBOURINE	Size: dia 205mm x 45mm with cover and adjustable frame for fitting.	1 Nos	Jadui Pitara
2	BIG BALL	Material: Foam Ball /Softball, washable. Alphabet & Number Printed on ball. size: Dia 160mm-1Nos,60mm-2 Nos	1 Nos	Jadui Pitara
3	BOWLING SET	Material: wooden/Plastic Ball size: dia 50 mm Bowling Pins: Size105 mm height, well packed in box.	1set	Jadui Pitara
4	BEADS WITH BIG HOLES AND STRING	Material: Plastic Size: dia 25 mm with 3 mm dia hole through with 1 meter string/lace, Beads Color: Multi color (Qty.: 35 Nos)	1 set	Jadui Pitara
5	PUZZLES OF HUMAN BODY PARTS	Material: Cardboard, Size 300mm x 400 mm Cardboard Puzzles showing human parts Size: 1.5mm thickness Puzzles Printing: Multicolour Puzzles	1set	Jadui Pitara
6	JUNIOR ABACUS	Frame Material: Wooden Rod: Iron Number of 10 iron rods arranged in 10 rows with 10 no. of different coloured beads dia 12mm in each row. Rods fixed with 230mm x 205mm wooden frame.	1Nos	Jadui Pitara
7	COLOUR SERIATION CARDS.	Size:155mm x 220mm Made of 250 gsm art card with 25-micron thermal lamination on both side and multi color printing of one side & other side activity name in English & Bengali language.4 type of cards in four	16Nos	NCERT – ECE Kit

		colors shades. Kite/ balloon/ leaf/ flower. Well Packed		
8	KITCHEN SET	All Plastic parts. Total 13 no's items. chulha size 180 x130mmx30mm, pan with lid 130x65x35mm, cooker 80 x 35mm round shape with lid, kadai 75 x20mm round shape with lid, fry pan with lid 110x 65x10mm, chopper 100x27mm, knife 95 x 12mm, fry pan spoon 95 x 25 mm, rice spoon 100x20mm, Kadchi with holes 100x35mm, Kadchi 100x30mm, Chimta 95x6mm, shaking spoon 100x30mm.	1set	Jadui Pitara
9	HAND GLOVES PUPPETS	Hand puppet with characters from common stories resembling popular familiar animals (i.e. Lion and Rabbit) the colors should match the animals (i.e. rabbit in white). Must be a child friendly puppet. Size 10 inch or above. 1 each.	2 Nos	Jadui Pitara
10	FOLDING BAG	Material: Flex bag size 120cm x 90 cm with 16 pockets, pocket size 6-7 inch to store and display the Kit material.	1Nos	Jadui Pitara
11	PUZZLES ANIMALS	OF Made of EVA Sheet, minimum 10 mm thickness.5 different animals puzzles in two parts & two colors. elephant-75mmx50mm, teddy bear 65mm x 50mm, hippopotamus 110mmx45mm,kangaroo 60mmx80mm ,giraffe 50mmx110mm	1set	Jadui Pitara
12	PLACE CARDS	VALUE (Three items) 9X3 a. 9 cards (100 to 900) - 110 (90+20) mm x 30mm x 0.7mm thickness polypropylene plastic sheet. Numbers 100 to 900 printed with red color and font size 60 pt. Right end to be semi-circular of radius 20 mm. b. 9 cards (10 to 90) - 80mm (60+20) x 30mm x 0.7mm thickness polypropylene plastic sheet, numbers 10 to 90 printed with red color and font size 60 pt. Right end to be semi-circular of radius 20 mm. c. 9 cards (1 to 9) - 50mm (30+20) x 30mm x 0.7mm thickness polypropylene plastic sheet, Numbers 1 to 9 printed with red color and font size 60 pt. Right end to be semi-circular of radius 20 mm.	1 set	Jadui Pitara
13	DUMMY CURRENCY	One hundred rupees note size 184 x 85mm– 5 nos.	1 set	NCERT – Early School Math kit

		Fifty rupees note 175 x 85mm – 4 nos. Twenty rupees note 168 x 74mm – 5 nos. Ten rupees note 163 x 76mm – 19 nos. Five rupees coin 35 mm dia x 1.5mm – 4 nos. Two rupees coin 37 dia x 1.5mm – 5 nos. One rupee coin 35 dia x 1.5mm – 19 nos. All notes of laser coated 400gsm paper and coins should be of ABS plastic in only silver color.		
14	STORY BOOKS	The monkey & The elephant. Size 300mm x210 mm, Multi color Printed on 250 gsm art card with both side pouch lamination 25 micron & spiral binding at the top of the card.	2 story Sets	NCERT Raindrop (Primary Kit) – Eng.
15	DRAWING SKILL CHART	Size 210x293 mm color printing on 180 gsm art card with 223x303 mm, of 125-micron pouch lamination 3 different shapes each 1 No.	3 Nos.	NCERT Raindrop (Primary Kit) – Eng.
16	FUN MASK	1.7mm thick made of Ethylene Vinyl acetate multicolour. Each side as per shape cutting & 12 mm elastic fixed by both sides finished plastic rivet. Each 1 No.	3 Nos.	NCERT Raindrop (Primary Kit) – Eng.
17	FLASH CARDS (WORD AND PICTURE)	Size 85x60mm Made of 250 gsm art card with 25-micron thermal lamination on both side & multicolour printing of one side. Packed in plastic box size = 120x77x20mm. Each 1 No.	60 Nos.	NCERT Raindrop (Primary Kit) – Eng.
18	SKILL MATCHING GAME	Size 210 x293 mm color printing on 180 gsm Art card with size 223x303mm, of 125-micron pouch lamination.	1 No.	NCERT – ECE Kit
19	3D ACTIVITY BLOCKS	ABS plastic cubes with sides 20mm accurate size, 5mm to 8mm dia holes. Depth of 5mm on five faces. Sixth face will have a peg to push fit into the holes. (Unifix cubes) In 10 different colours 20 each colour.	200 Nos.	NCERT – Early School Math kit
20	SCISSORS	A Pair of child friendly Scissors. Length 126mm	5 Nos.	NCERT – ECE Kit
21	CLASSIFICATION FLASHCARDS	Plastic coated card 142mmx148 mm 0.3/0.5 thickness 6 type cards x 8 cards at each type of card. (Printed in English, Bengali and Hindi/Bengali)	48 Nos. Cards	NCERT – ECE Kit

22	JOKER CARD FLASH CARD	Plastic coated card 95mm x 147mm 0.3/0.5mm thickness three sets each set having three cards and each card having colour Red, Green and Yellow.	9 Nos. Cards	NCERT – ECE Kit
23	PRE-NUMBER CONCEPT CARDS	a. Big- Small, b. Long – Short, c. Tall – Short, d. Thick – Thin, e. Far – Near. Plastic coated card size 155mmL X 220mm H X 0.3/0.5 mm Thickness both side printing, one side picture and another side, literature on back side in English & Bangla Language total concept 5, each concept 5 cards	25 cards	NCERT – ECE Kit
24	MAGNETIC ALPHABETS	A – Z, size 30-35 mm length x minimum thickness 10 mm, made from EVA Sheet, all characters should be child friendly magnetic & embossed.	26 Nos.	NCERT – ECE Kit
25	MAGNETIC NUMBER	0 – 9, size 30-35mm length x minimum thickness 10 mm made from EVA Sheet, all characters should be child friendly, magnetic & embossed.	10 Nos.	
26	PUZZLE MAP OF INDIA	Size 300 mm x 300 mm, thickness 7 mm made from EVA Sheet. All states in multicolour & detach separately.	01 No.	
27	MAGNETIC BOARD	Size 400mm x 300mm x thickness 16mm. metallic sheet fitted on front. All four-side covered with a round aluminium section & four corner fitting by first quality ABS corner.	1 Nos	
28	MEDICAL KIT	All plastic part medical kit box 55 x 45 x 20mm, goggles 100 x 40mm, scissor 110 x 70mm, capsule tray 85 x 50mm, medicine 55 x 20mm, spatula 100mm x 20mm, stethoscope 300 x 100mm, opd card 65x 55mm, bandage 85x30mm, thermometer 90x20mm, knife 80x10mm, injection 80x30mm, BP apparatus 80x50mm, scalpel 110x20mm. Total 14 parts.	1 Set	
29	JIGSAW PUZZLES	Multicolour printing, Plastic coated card size 155mm X 220mm x 0.3/0.5 mm, thermal lamination 180 micron on both sides. Puzzle of apple -2-piece, mango-2-piece, car -3-piece, truck -3-piece, tiger -5-piece, elephant -6 pieces. well packed in box/pkt.	6Set	NCERT – ECE Kit
30	NUMBER DOMINO CARDS	Plastic coated card 142 x 63 mm X 0.3/0.5 mm gsm, packed in pkt.	28 cards	NCERT – ECE Kit

31	SEQUENTIAL THINKING CARDS	Plastic coated card size 155mm L X 220mm H X 0.3/0.5 mm Thickness both side printing, Activity printed in English & Bangla Language, taking a bath/egg to hen/eating banana/washing cloth.	16 cards	NCERT – ECE Kit
32	MEMORY CARDS	Plastic coated card size 155mm L X 220mm H X 0.3/0.5 mm Thickness both side printing, Activity printed in English & Hindi/Bangla Language.to check students’ memory what is missing.	10 cards	NCERT – ECE Kit
33	KIT MANUAL	Manuals book for how to use all activities items, in good quality paper. size 160 mm x 240 mm.	1 book	NCERT – ECE Kit
34	DECORATIVE BOX	All the items to be well packed in cardboard box of 5 ply with multicolour printing of kits items & kit name.	1 Nos	Jadui Pitara
35	AR CARDS	1. English A to Z: The Kit should have an app live on play store. After scanning every card student should be able to see different 3d objects with informative audio. 2. Number From 0 to 30: The Kit should have an app live on play store. After scanning every card, students should be able to see different 3d objects with informative audio. 3. Hindi/Bengali Varna Mala 45 different cards: The Kit should have an app live on play store. After scanning card student should be able to see different 3d objects with informative audio in Hindi/Bengali. 4. 13 different shapes and colors: The Kit should have an app live on play store. After scanning every card, students should be able to see different 3d objects with informative audio.	1 Nos	Digital Technology
36	AR UNIVERSE CHART	The A3-size sheet is hard laminated, making it waterproof, and scratch-resistant. It measures 297 mm x 420 mm. Ideal for both indoor and outdoor use. – English Universe chart should have an interactive 3D model of the universe, allowing kids to rotate and scale it. Animations showcase galaxies and cosmic structures, with explanations in English and Hindi/Bengali.	1 Nos	Digital Technology

37	AR SUN CHART	The A3-sized sheet is hard laminated, making it waterproof, and scratch-resistant. It measures 297 mm x 420 mm. Ideal for both indoor and outdoor use. – English The Sun chart should have an interactive 3D model of the Sun, allowing kids to rotate and scale it. Engaging animations show solar flares and surface features, with explanation.	1 Nos	Digital Technology
38	AR MOON CHART	The A3-size sheet is hard laminated, making it waterproof, and scratch-resistant. It measures 297 mm x 420 mm. Ideal for both indoor and outdoor use. – English Moon chart should have an interactive 3D model of the Moon, allowing kids to rotate and scale it. Animations highlight surface features and phases, with explanations in English and Hindi/Bengali.	1 Nos	Digital Technology

The **Teaching Learning Material (TLM) Park** initiative is designed to provide students with an engaging, hands-on learning experience that enhances foundational literacy, numeracy, and subject mastery through interactive and contextually relevant materials. The TLM Park will be implemented in 254 elementary schools and 124 secondary schools (100- Samagra Shiksha, 24- PM Shri) as a space where students can explore subjects such as math, science, literacy, and environmental education through outdoor installations, puzzles, and experiential activities.

The major components factored for the project are listed below:

- i. Site survey and feasibility assessment to identify suitable locations in schools for setting up the TLM Parks.
- ii. Procurement, supply, and installation of interactive learning materials such as geometric shapes, puzzles, storybooks (in English and local language), and educational tools in the selected schools as per annexure attached for TLM Park
- iii. Setup of the TLM Parks, ensuring appropriate space allocation for subject-specific zones like Math, Science, and Literacy.
- iv. Development of supplementary learning content and study materials (in English and local language) aligned with innovative pedagogies, ensuring compatibility with local curricula.
- v. Online QR based learning materials on usages of TLM Park effectively for enhancing interactions, which will be managed in a learning management system.
- vi. The implementing agency will be responsible for providing one year of operational and management support for the TLM Park and ensuring that teachers are equipped to integrate these materials into their teaching practices.
- vii. The school authorities will be responsible for the general upkeep and safety of the TLM Parks.

- viii. Regular updates and documentation of the project's progress will be maintained, with reports submitted to the Samagra Shiksha/EdCIL Management Team.
- ix. Mandatory submission of delivery certificates for school-wise TLM Park delivery & installation.

Bill of Material

TLM Park Elementary

S. N.	Name	Description	Qty
1	PYTHAGORAS THEOREM 1	Dimensions: 6" * 6" The kit includes a plastic right-angled triangle measuring (3-4-5) inches and a set of squares on each of the three sides, each with a printed grid of square inches.	1
2	$(a + b + c)^2$	Dimensions: 16.14" * 16.14" This tool assists you in deducing, exploring, and formulating the identity, and it can also serve for demonstrations on a magnetic board.	1
3	$(a + b)^2 - (a - b)^2 = 4ab$	Dimensions: 16.14" * 16.14" This tool aids in deriving, examining, and generalizing identities, and it can also be utilized for demonstrations on a magnetic board.	1
4	$(a + b)^2$, $(a - b)^2$, and $a^2 - b^2$	Dimensions: 5.90" * 5.90" This kit enables children to generalize and derive algebraic identities such as $(a + b)^2$, $(a - b)^2$, and $a^2 - b^2$.	1
5	PARALLELOGRAM	Dimensions: 6.69" * 5.11" The set of 6 parallelograms in 6 colors is a highly valuable resource for categorizing parallelograms and exploring properties and theorems associated with them.	1
6	SET OF TRIANGLES	This set comprises right triangles in three different dimensions and three different colors. It serves as a resource for understanding and honing the skills of combining triangles to create various shapes, as well as for exploring patterns and tessellations.	1
7	SUM OF ANGLES OF A QUADRILATERAL	Dimensions: 10.23" * 7.08" This tool comprises a quadrilateral with cutouts of its interior angles, enabling children to explore the angle sum property of quadrilaterals. Additionally, it can be utilized for demonstrations on a magnetic board.	1
8	FRACTION BAR	Dimensions: 7.48" * 9.84" A set of 51 colorful fraction bars, ranging from whole to 1/12th, is housed in a plastic box. These solid plastic bars represent wholes, halves, thirds, fourths, fifths, sixths, eighths, tenths, and twelfths. Each bar displays its fractional value on one side and its corresponding percentage on the other. Fraction bars offer an engaging approach to understanding concepts related to fractions and percentages.	1
9	INTEGERS	Diameter: 1.8cm A collection of 100 pieces, double-sided integer counters prove highly beneficial for middle school children grappling	1

		with integers. These counters facilitate the comprehension of integer concepts, including addition, subtraction, multiplication, and division.	
10	NEWTON COLOUR DISC	Type : Model Material & Size: This activity contains of a wheel and colour template, motor and stand. length Breath and height of Newton Colour Disc (20x15x25) cm, width is similar to breath 15cm, Disc Diameter Typically around 20 cm Base Usually made of plastic, The disc is made of lightweight plastic. USE: A Newton Colour Disc is a tool used to show how different colors of light combine to make white light. It's named after the famous scientist Isaac Newton.	1
11	NEWTON 2ND LAW	Type: Model Material & Size: Base: 25 cm x 15 cm x 2 cm, made of plastic or wood, Track/Rail: 50 cm long, made of metal or plastic, Cart: 10 cm x 5 cm x 3 cm, made of plastic or metal., Pulley: 3 cm in diameter, made of metal or plastic., Weights: Metal, in varying sizes (100 g, 200 g, etc.), String: Nylon or cotton, about 50 cm long. USE: The Newton's Second Law model is used to demonstrate how force, mass, and acceleration are related, showing that greater force results in greater acceleration for a given mass	1
12	NEWTON 3RD LAW	Type : Model Material & Size: Base: 20 cm x 10 cm x 2 cm, made of metal. Frame: 15 cm high, 12 cm wide, constructed from stainless steel/aluminium. Spheres: 2 cm diameter each, made of steel, with 5 spheres included. Suspension Strings: 10 cm in length, made of nylon or thin metal wire. USE: The Newton's Third Law model, often a Newton's Cradle, demonstrates the principle that for every action, there's an equal and opposite reaction.	1
13	FLOATING PLATE	This straightforward disk design enables students to collect distance and time data of a balloon-powered hover disk. Gliding on a cushion of air with minimal friction, the hover disk facilitates the observation and graphing of non-accelerated motion. The Disk should be of Diameter - 150 mm Thickness - 1.7 mm, Centre hole - 5.3 mm, Height of centre cylinder - 18.5 mm The Air Blower should have thickness - 1.1 mm L x B x H - 25 x 14 x 23 mm, OD - 5.1 mm, ID - 3.1.mm	1
14	BAKING SODA	Baking Soda	1
15	GREEN GLOW POWDER	Green glow powder	1
16	GLOW POWDER AQUA	Glow powder Aqua	1
17	MDF CIRCLE	White MDF circle of size 90mm dia	1

18	GLOW STICKS	200 mm length glow sticks	3
19	BEAKER	50ml beaker plastic	1
20	DROPPER	Plastic Dropper of 3 ml	1
21	CONTAINER	circular plastic container of 120mm*17mm with tap	1
22	FLUORESCENT DYE	Fluorescent Dye liquid	1
23	CELL	3volt lithium cell	2
24	FOAM CUTOUTS	Foam cutouts of thickness 7mm	1
25	LED	5mm LED of 4 different colors LED each	4
26	T CONNECTOR	15mm x 10mm T connector compatible with the provided shafts such that the vertical part of the T-shape has a plus shape hole and the horizontal part of the T-shape has a round shape hole. The hole diameter should be of 8mm. The connector should be made of high-quality ABS material.	20
27	1 X 3 (2 WAY FREE CONNECTOR)	20mm x 0.8mm Brick connector such that after connecting the brick/connector should move freely. The connector should be made of high-quality ABS material.	4
28	3X1 PLUS ONNECTOR	30mm x 10mm x 10mm Connector. Should have a Plus shape in center and should be compatible with the plus shape shafts. The connector should be made of high-quality ABS material.	1
29	5 X 1 BRICK - A	50mm x 10mm x 10mm brick with 5 holes. The holes dimensions should be of 8mm each. The brick should be made of ABS material.	10
30	5 X 1 BRICK - B	50mm x 10mm x 10mm brick. Should have a spiral slot at the center to insert the Screw shaft. The holes dimensions should be of 8mm each. The connector should be made of high-quality ABS material.	1
31	7 X 1 BRICK	70mm x 10mm x 10mm brick. The holes dimensions should be of 8mm each. The connector should be made of high-quality ABS material.	6
32	WHEEL WITH RUBBER GRIP	Plastic wheel of 44mm diameter and 24mm thickness compatible with provided shaft, Rubber grip for the provided wheel	4
33	SHAFT - B	Minimum length 100mm. The Shaft should be made of ABS material.	2
34	DISSEMBLING TOOL	90 x 15 x 15 mm dissembling tool. Compatible for 2 piece connector and T connectors. The tool should be made of ABS material.	1
35	11 X 7 BRICK BOARD	111mm x 70mm x 10mm Multipurpose base brick for connectors having 77 holes compatible with provided bricks and other provided connectors. It should be made of ABS material.	2
36	JOINER (PLANE)	20mm x 10mm x 10mm Joiner/Connector having two plus shape protrusion for joining which are compatible with provided bricks. It should be made of ABS material.	3

37	RIGHT ANGLE CONNECTOR	30mm x10mm x 10mm connector having two holes and 1 mid plus shape for joining which are compatible with provided bricks. It should be made of ABS material.	4
38	AR NCERT MANUAL	The manual should contain 150 different pages from the NCERT textbooks, designed to be compatible with the AR application. These pages are organized by grade level for convenient use.	1
39	AR INTERACTIVE CHARTS APP	With an AR Interactive Charts mobile application, users should be able to scan the interactive charts to access engaging animated 3D models that blend seamlessly with their surroundings. The information will be available in both Hindi/Bengali and English, with the ability to switch languages instantly. Users can interact with the 3D models, allowing them to translate, rotate, and scale the objects, which can be utilized as actual components for performing practical exercises in AR mode.	1
40	PHYSICS INTERACTIVE CHARTS	The chart should to be compatible with interactive chart applications. Users should be able to perform interactive experiments like Ohm's Law and the laws of motion, and see these concepts illustrated through impressive 3D models, with 10 different charts and activities available.	1
41	CHEMISTRY INTERACTIVE CHARTS	The chart should be compatible with interactive chart applications. Users should be able to observe chemical reactions as they happen in real-time, from the periodic table to chemical bonding, using interactive 3D models.10 different charts should be provided with the activities, enabling users to explore atomic structures and molecular behaviour.	1
42	BIOLOGY INTERACTIVE CHARTS	The chart should be compatible with interactive chart applications. Users should also be able to explore complex biological systems, such as the respiratory, circulatory, and nervous systems, through detailed 3D models that vividly illustrate anatomy. 10 different charts should be provided with the activities, allowing users to investigate organ function and physiology, complete with interactive elements and comprehensive information.	1
43	EASY CIRCUIT LEARNING KIT	MDF material electronics learning kits to build multiple DIY electronics projects, Kit 27.5cm X 26cm X should have on board 2-AA Battery Holder, , Red Led -1, Yellow Led-1, RGB Led-1, 3V Motor -1, Plastic small fan-1, 5v small buzzer-1, 2pin On Off Switch-1, 2 pin push button-1, Reed Switch -1, Touch switch-1, NPN Transistor -1, PNP Transistor -1, 100Ω Resistor-1, 1K Ω Resistor-1, 10K Ω Resistor -1, 10K Potentiometer with cap – 1, LDR Sensor -1, 470μF Capacitor -1, 10 μF Capacitor -1, Tapered Spring – 40+, IN4007 Diode-1 10 Single stand Connecting Wires (length 12 inch), Magnet-1 The Kit should consists of a Manual with minimum 50 projects explaining the concept of electronics and use of the components	1
44	DOUBLE CONCAVE LENS	Glass, Focal length 20 cm and dia. 50 mm.	2

45	DOUBLE CONVEX LENS	Glass, Focal length 20 cm and dia. 50 mm.	2
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TLM Park Secondary

TLM PARK SECONDARY			
S. N.	NAME	DESCRIPTION	QTY
1	PYTHAGORAS THEOREM 2	Dimensions: 15.74" * 15.74" The kit is made of acrylic and comprises 4 right-angled triangles and 1 large square. It measures 16 inches by 16 inches and can be displayed on a magnetic board for demonstration purposes.	1
2	MAGNET SET	An educational magnet set measuring 18.5cm x 6cm x 12.5cm, featuring various magnets such as horseshoe, bar, ring, coin, egg-shaped, and cylinder magnets. Packaged in a box, it facilitates hands-on exploration of magnetic properties.	1
3	MAGNETIC MOTION	This kit, measuring 13.5 x 8 x 11.5 centimetres, features a 5"x3" plastic platform with multiple use holes, a plastic C bracket, a metal rod, a ring magnet, and a 3blade fan (6"). It offers an interactive demonstration where metal snakes placed on either side of the base mimic slithering movements in response to the spinning fan until it halts.	1
4	GRAVITY CAR	A kit Compact at 12cm*6cm*20cm, it includes 2.5mm MDF cut parts, plastic wheels, metal shaft, counter weight, plastic pulley, thread. A Gravity car is a vehicle without a motor that moves because of gravity's force. Its design uses the energy from gravity pulling on the car's weight. This potential energy from gravity gets turned into the energy that moves the car forward.	1
5	FLOATING PLATE	This straightforward disk design enables students to collect distance and time data of a balloon-powered hover disk. Gliding on a cushion of air with minimal friction, the hover disk facilitates the observation and graphing of non-accelerated motion. The Disk should be of Diameter - 150 mm Thickness - 1.7 mm, Centre hole - 5.3 mm, Height of centre cylinder - 18.5 mm The Air Blower should have thickness - 1.1 mm L x B x H - 25 x 14 x 23 mm, OD - 5.1 mm, ID - 3.1mm	1
6	BAKING SODA	Baking Soda	1
7	GREEN GLOW POWDER	Green glow powder	1
8	GLYCERINE FLAKES	Glycerine flakes	1
9	BRIGHTENER	Brightener	1
10	GLOW POWDER AQUA	Glow powder Aqua	1
11	PAPER CLIP	Standard size Paper clip	2

12	PLASTIC BUTTONS	Plastic buttons of size 15*15*15 mm.	2
13	PLASTIC PIPE	150 mm *6 mm transparent	1
14	MDF CIRCLE	White MDF circle of size 90mm dia	1
15	PLASTIC SPOON	1mg of plastic spoon	1
16	GLOW STICKS	200 mm length glow sticks	3
17	BEAKER	50ml beaker plastic	1
18	WOODEN STICK	153 mm * 5mm wooden stick	1
19	DROPPER	Plastic Dropper of 3 ml	1
20	CONTAINER	circular plastic container of 120mm*17mm with tap	1
21	FLUORESCENT DYE	Fluorescent Dye liquid	1
22	VINEGAR	Vinegar Liquid	1
23	CELL	3volt lithium cell	2
24	FOAM CUTOUTS	Foam cutouts of thickness 7mm	1
25	LED	5mm LED of 4 different colors LED each	4
26	CHEMISTRY WORK STATION	A kit contains 25 Number of Puzzle Pieces to learn basic concepts of chemistry. Ideal for science fair model, science activity, chemistry learning.	1
27	ELECTROPLATING KIT	A kit Compact at 18.5cm*6cm*12.5cm, include Copper Strip, Zinc Strip, Beaker, 9V Battery Snap, Copper Sulphate, Foam Piece. Kit is designed to facilitate the process of electroplating, where metal ions in a solution are deposited onto a conductive surface using an electric current.	1
28	ELECTROLYSIS OF WATER	"A kit Compact at 18.5cm*6cm*12.5cm, include Sulphuric Acid, Carbon Rods, Plastic Base, Screw, Wire. Demonstrate the electrolysis process of water and gather hydrogen and oxygen in separate test tubes	1
29	TANGRAM PUZZLES	Dimensions: 4.72" * 4.72" Tangrams Puzzles consist of seven distinct shapes in 4 Colours, including five triangles, a square, and a parallelogram. Within the triangles, there are two large, one medium, and two small triangles, each being a right triangle.	1
30	2 PIECE CONNECTOR	2-piece multipurpose connector of size 15mm x 0.8mm compatible with brick board. The connector should be made of high-quality ABS material.	28
31	3 PIECE CONNECTOR	3-piece multipurpose connector of size 21mm x 0.8mm compatible with brick board. The connector should be made of high-quality ABS material.	15
32	HOLLOW SPACER	10mm diameter and 1mm thickness plastic hollow spacer. The connector should be made of high-quality ABS material.	18
33	SPUR GEAR 1	20mm diameter and 10mm thickness plastic spur gear compatible with provided shaft. It should be made of ABS material.	4

34	SPUR GEAR 2	60mm diameter and 10mm thickness Plastic spur gear compatible with provided motor shaft. It should be made of ABS material.	4
35	7 X 5 X 7 U SHAPE BRICK	76mm x 50mm x 10mm Multipurpose bricks having 7 holes, 5 hole and 7 holes in U shape and having a connecting protrusion on two ends of the U shape and two corresponding holes on the opposite end from the protrusion. It should be made of ABS material.	4
36	13 X 5 X 13 U SHAPE BRICK	140mm x 50mm x 10mm Multipurpose bricks having 13 holes, 5 hole and 13 holes in U shape and having a connecting protrusion on two ends of the U shape and two corresponding holes on the opposite end from the protrusion. It should be made of ABS material.	2
37	GEAR BOX WITH MOTOR WITH BATTERY HOLDER – A	80.5mm x 28.75mm x 48.5mm 1A) Plastic Gear casing for toy motor, such that casing has provision for a side shaft 1B) Gear mechanism such that students should be able to see the inner gear mechanism 1C) Standard 3V DC toy motor All of the above should be provided in assembled form Should have a 2 AA battery closed holder and a slide switch to control the direction.	1
38	SHAFT – C	Minimum length 170mm. It should be made of ABS material.	3
39	SCREW SHAFT	120mm x 8mm spiral screw shaft compatible with 5 x 1 brick – B. It should be made of ABS material.	1
40	ZIG ZAG CONNECTOR	50mm x 10mm x 10mm Zig zag connector. It should be made of ABS material.	3
41	PULLEY	25mm dia x 11mm pulley block. It should be made of ABS material.	1
42	IDLER GEAR	20mm diameter and 10mm thickness plastic spur gear. It should be made of ABS material.	2
43	SOLAR AFFILIATED LED LIGHT	A solar powered LED matrix set. The body should be made of high-quality plastic material. The solar panel should be of 2.5W 5v enclosed in a plastic frame. There should be a charging module to convert solar energy into electrical energy. It should charge a battery. The charged battery should be able to control the LED matrix in 2 modes.	1
44	NCERT APPLICATION AR	A mobile application that leverages Augmented Reality (AR) to enhance learning. This app should recognize images from grade-specific manuals and then play corresponding 3D educational videos. The videos should demonstrate real-life applications of the concepts being taught. The app should include content for students from 5th to 10th grade, following the NCERT curriculum, and should cover over 150 topics across Science, Physics, Chemistry, and Biology. Each video should be available in both Hindi/Bengali and English, ensuring that every video is provided in both languages. Additionally, manuals for all 150+ topics should be supplied.	1

2. Learning Enhancement Program (LEP)

The **Learning Enhancement Program (LEP)** is focused on bridging learning gaps and improving academic performance for students in Grades VI-XII. Recognizing that a significant number of students face challenges in foundational literacy and numeracy, LEP aims to provide targeted interventions through remedial teaching, supplementary learning materials, and personalized learning strategies. 3320 sets of Learning Kits will be distributed amongst 33188 students of elementary grades and 3997 sets of Learning Kits will be distributed amongst 39963 (21113- Samagra Shiksha, 18850- PM Shri) students of senior & senior secondary grades, they will be facilitated with offline sessions with QR code-based learning materials to understand related subjects, followed by remedial teaching by English, Science, Technology & Math. The LMS will serve as the central platform where students can access learning materials, participate in interactive activities, and engage in live sessions with instructors. It will provide a structured and organized environment for learning, enabling seamless tracking of progress, assignments, and assessments.

This program will help schools identify learning deficits and offer customized support to ensure that no student is left behind. By providing structured, remedial support, LEP aims to improve student outcomes in core subjects like mathematics, science, technology and language. The initiative also leverages digital tools and data driven assessments to track student progress, ensuring that interventions are effective and timely.

Objectives of Implementation of Learning Enhancement Program (LEP)

- To bridge learning gaps among students by providing targeted, high-quality interventions, including remedial teaching and personalized support.
- To facilitate the use of innovative learning tools and digital platforms that enhance classroom instruction and foster collaborative learning.
- To equip teachers with structured materials and training, enabling them to address the diverse academic needs of students effectively.
- To create a system for tracking and monitoring student progress, ensuring that interventions are impactful and aligned with desired learning outcomes.

The major components factored for the project are listed below:

- i. Supply, and distribution of learning kit materials, including learning guides for elementary students & secondary students.
- ii. Planning and implementation of online remedial classes to address identified learning gaps, with a focus on core subjects such as Math, Science, and Language & Technology.
- iii. 3-days offline training of teachers at 60 Block Resource Centre level to ensure the effective implementation of remedial classes and strategies, with attendance tracking and acknowledgment forms.
- iv. Online training to students and access of LMS for self-learning.
- v. Development and integration of data driven tools to monitor and assess student progress through regular testing and evaluations.
- vi. Continuous evaluation of the program's impact on student learning outcomes, with real-time tracking and feedback mechanisms.

- vii. The implementing agency will provide technical and operational support for the deployment of digital tools used in tracking student progress.
- viii. The school authorities will be responsible for ensuring the participation of students and teachers in the LEP sessions.
- ix. Online QR based learning materials on usages of LEP kits will be provided effectively for enhancing interactions, which will be managed in a learning management system.
- x. Regular updates and progress reports to be shared with Samagra Shiksha//EdCIL for monitoring and review.
- xi. A help desk for teacher and student support, along with assistance for any issues related to learning materials or digital platforms.

Learning Enhancement Program (LEP) Elementary
Bill of Material

ELEMENTARY KITS FOR 10 STUDENTS		
S. No.	Item Name	Qty
1	Map Stencils India	1
2	Map Stencils World	1
3	Magnetic Compass	1
4	Soil Kits	1
5	Different Rock Set	1
6	Coin Set	1
7	2-piece connector	15
8	3-piece connector	10
9	Shaft – a	2
10	Shaft – b	2
11	Suspension spring	2
12	Spoiler	1
13	Mudguards	2
14	Wheels	4
15	Manual (Storybook)	1

3 DAY PHYSICAL LEP ELEMENTARY MODULES					
Day	Session	Duration (Hours)	Objective	Materials	Activities
1	SCIENCE	1	Understand the basics of magnetism and geology.	Magnetic compass, rock set, soil kits, magnifying glass	Students will use magnetic compasses to explore magnetic fields and directions. They'll examine different rocks with magnifying glasses, identifying unique textures

					and compositions. Using soil kits, students will analyze soil samples, understanding the minerals and organic material in different soil types. This hands-on activity will help them connect geological concepts to real-world materials.
	TECHNOLOGY	1	Study simple machines and engineering concepts.	Connectors, geo sticks, shafts, fly nut, wheels	Using connectors, geo sticks, and wheels, students build simple machines like levers and pulleys. They observe how different components work together to move objects, learning foundational engineering principles.
	ENGLISH	1	Enhance storytelling and creative writing.	Manual (storybook)	Using the storybook manual, students will read a short story and then create their own ending or continue the story with a twist. They'll develop their storytelling skills by focusing on character development, plot structure, and descriptive language. This activity will encourage creativity and narrative skills, culminating in a brief class-sharing session where students present their stories.
	MATHEMATICS	1	Learn basic geometry.	Geo sticks, protractors, vinyl mat	With geo sticks, protractors, and a vinyl mat, students will explore different shapes and angles. They'll practice creating various polygons, measuring angles, and learning about properties like congruence and symmetry. The vinyl mat will be used as a workspace to map out shapes, helping students visualize geometry concepts in a tangible way.

2	SCIENCE	1	Dive into optics and light.	Concave/convex lenses and mirrors, LED, sundial	Students will investigate light properties using concave and convex lenses, mirrors, and LEDs. They'll experiment with how lenses bend light and create images, and learn the difference between reflection and refraction. By observing shadows and reflections with a sundial, students can understand how light interacts with different surfaces and materials.
	TECHNOLOGY	1	Understand basic circuitry.	LED, jumper cables, pencil cell	Using LED lights, jumper cables, and pencil cells, students will create simple circuits. They'll learn how to connect components to make the LED light up, understanding the concept of an electrical circuit. By experimenting with different configurations, they'll explore how electricity flows and the role each component plays.
	ENGLISH	1	Practice reading comprehension and vocabulary building.	Manual (storybook)	Students will read a story from the storybook and complete comprehension questions. Vocabulary exercises will involve identifying new words from the story and creating sentences. This activity strengthens reading and understanding, as well as vocabulary application through context.
	MATHEMATICS	1	Learn algebra concepts.	Algebra identities, counters	Using algebra identities and counters, students will explore basic algebraic principles. They'll practice simplifying expressions and solving simple equations using counters to represent unknowns. This hands-on approach helps demystify abstract concepts and reinforces algebra basics.

3	SCIENCE	1	Study forces and motion.	Suspension spring, wheels, fly nut, spring balance	With suspension springs, wheels, fly nuts, and a spring balance, students will perform experiments to understand force, weight, and motion. They'll measure the force needed to move objects, observe motion changes, and discuss concepts like friction and gravity. These experiments provide a practical grasp of physics principles in action.
	TECHNOLOGY	1	Explore advanced simple machines and structures.	Connectors, shafts, spoiler, mudguards	Students will use connectors, shafts, spoilers, and mudguards to build and test various machine structures. They'll explore the impact of structural design on stability and functionality, gaining insights into how different components interact in mechanical systems like automobiles. This activity fosters an understanding of more complex engineering concepts.
	ENGLISH	1	Develop oral communication skills.	Storybook	Students will choose a story from the storybook to read aloud and discuss. They'll practice clear articulation, expression, and storytelling. The class will provide feedback on clarity and engagement, allowing each student to build confidence in public speaking and oral presentation.
	MATHEMATICS	1	Apply math in real-life scenarios.	Coin set (for numerical practice), congruent triangles set	Students will practice solving numerical problems that reflect real-world scenarios using congruent triangles and coin sets. They will apply mathematical concepts like ratios and proportions, and discuss practical applications in various fields.

Learning Enhancement Program (LEP) Senior & S. Secondary
Bill of Material

Senior & Senior Secondary Kits for 10 Students		
S. No.	Item Name	Qty
1	Washable Vinyl Mat Foldable Sheet	1
2	Algebra Identities (5mm)	1
3	Full Protractor 12.5cm	4
4	Half Protractor 12.5cm	4
5	Fly Nut	15
6	Cut Outs of Counters Set of 40 Piece	1
7	Geo Sticks	4
8	Light Emitting Diode (LED)	2
9	Double Concave lens	1
10	Double Convex lens	1
11	Concave Mirror	1
12	Convex Mirror	1
13	Magnifying glass	1
14	Spring balance	1
15	Sun dial	1
16	Pencil Cell	2
17	Jumper Cable	10
18	Molecular Model Kit	1
19	Periodic Table	1
20	Floating Magnet	1
21	Congruent Triangles	1

3 DAY PHYSICAL LEP SECONDARY MODULES					
Day	Session	Duration (Hours)	Objective	Materials	Activities
1	SCIENCE	1	Explore advanced physics concepts involving optics and lenses.	Double concave/convex lenses, concave/convex mirrors, LED	Students experiment with concave and convex lenses and mirrors to understand how light bends and reflects. They use LEDs to explore focal points and magnification effects, deepening their understanding of optics.

	TECHNOLOGY	1	Introduction to basic engineering and simple machines.	2-piece and 3-piece connectors, shafts, suspension springs, wheels	Students will work in teams to build basic structures using 2-piece and 3-piece connectors, shafts, and wheels. They'll explore how these simple machines (levers, wheels, and axles) work together to create movement and stability. The activity will involve experimenting with suspension springs to understand tension and load, giving them a foundational understanding of engineering concepts.
	ENGLISH	1	Improve analytical reading and persuasive writing.	Manual (storybook), vocabulary cut-outs	Students read a story from the manual and analyse characters' motivations, followed by writing a persuasive piece supporting or opposing a character's actions. Vocabulary cut-outs are used to enhance their language.
	MATHEMATICS	1	Understand advanced geometry and algebraic identities.	Algebra identities, protractors, counters	Using algebra identities and protractors, students solve geometric problems and learn to apply algebraic identities. Counters help them visualize equations, making abstract algebra more concrete.
2	SCIENCE	1	Explore principles of force and motion.	Spring balance, suspension spring, wheels, sundial	Students use spring balances, suspension springs, and wheels to measure force and study motion. They also use a sundial to understand gravitational forces and time measurement principles.
	TECHNOLOGY	1	Introduce electric circuits and their components.	LEDs, jumper cables, resistors, switches, and pencil cells	Students will explore the fundamentals of electric circuits by constructing more complex setups suited for senior secondary level. They will use LEDs, jumper cables, resistors, switches, and pencil cells to build both series and parallel circuits. Through these setups, students will observe how components such as

					resistors affect current and voltage in each configuration.
	ENGLISH	1	Enhance communication and presentation skills.	Storybook, recording apps	Students read and discuss a short story, then use recording apps to practice summarizing and presenting it. This exercise builds their confidence in public speaking and storytelling.
	MATHEMATICS	1	Work on practical problem-solving with algebra.	Algebra identities, congruent triangles, protractors	Working with algebra identities, congruent triangles, and protractors, students solve real-world problems, applying algebraic concepts to scenarios they might encounter outside the classroom.
3	SCIENCE	1	Study chemical bonds and the periodic table.	Molecular model kit, periodic table	Students will investigate chemical bonding through hands-on experiments and model-building to understand molecular structures and interactions. They'll conduct simple reactions and use molecular model kits to represent the resulting compounds, deepening their grasp of bonding types and periodic trends.
	TECHNOLOGY	1	Explore advanced structures and robotics.	Connectors, geo sticks, wheels	Students build complex structures with connectors and geo sticks, exploring stability and balance. They also get an introduction to basic robotics, seeing how structures and movement integrate.
	ENGLISH	1	Develop debate and critical thinking skills.	Vocabulary cut-outs, recording apps	Using vocabulary cut-outs, students prepare and engage in a debate on a topic. They analyze arguments, practice critical thinking, and record their sessions to review and improve their speaking skills.
	MATHEMATICS	1	Practice advanced problem-solving	Algebra and geometry tools	Students will apply trigonometric identities and algebraic equations to solve real-world problems

			with trigonometry and algebra.		involving angles, distances, and heights. Using protractors, rulers, and calculators, they will work through practical scenarios, such as measuring the height of an object using angle of elevation or calculating distances across uneven terrain.
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3. Science and Math Kits

The **Science and Math Kits** initiative is designed to provide 669 units of science kits covering 669 schools and 669 units of math kits covering 669 schools for elementary grades, and 607 science kits covering 607 (527- Samagra Shiksha, 80- PM Shri) schools and 607 math kits covering 607 (527- Samagra Shiksha, 80- PM Shri) schools for secondary grades, aiming to improve hands-on learning in science and mathematics. fostering a culture of inquiry-based learning, where students actively engage with STEM (Science, Technology, Engineering, and Math) concepts. These kits will be distributed across schools to enable students to explore scientific principles and mathematical reasoning in a practical and engaging manner.

By promoting a hands-on approach, the Science and Math Kits will allow students to apply theoretical knowledge to real-world problems, thereby enhancing their understanding of complex subjects. Teachers will also receive training on how to effectively use these kits to ensure that learning is both interactive and exploratory. This initiative aligns with the NEP 2020's vision of encouraging critical thinking and problem-solving skills among students.

Objectives of Science and Math Kits

- To enable hands-on, experiential learning of STEM concepts by providing high-quality Science and Math kits tailored to curriculum requirements.
- To foster a deeper understanding of scientific principles and mathematical reasoning through interactive activities and real-world problem-solving.
- To empower teachers with tools and training that enhance their ability to deliver engaging and practical lessons.
- To promote collaboration and critical thinking among students as they explore and experiment with STEM concepts.

The major components factored for the project are listed below:

- i. Supply, and installation of science kits (e.g., for experiments in physics, chemistry, biology) and math kits (e.g., for geometry, arithmetic, problem-solving).
- ii. Delivery of the kits at inspectorate of school level, ensuring secure handling during transport and proper documentation of received materials.
- iii. Online QR based learning materials (video) on usages of Science kits & Math kits effectively for enhancing interactions, which will be managed in learning management system.

- iv. School authorities will be responsible for the physical security of the kits, ensuring that they are kept safe and used appropriately.
- v. Mandatory submission of delivery certificates of science & math kits inspectorate of school level delivery as documentary evidence.
- vi. Helpdesk and onsite support for learning & usages related matters that may arise with the Science and Math Kits during the support period.

Bill of Material

Science and Math Kits – Elementary

S. N.	Item Name	Technical Specification	Qty
1	SPRING BALANCE	A.B.S., open type, capacity 250 g, graduation in steps of 10 g on one side and Newton's on the other side.	5
2	MAGNETIC COMPASS	Metal case, polystyrene transparent top, magnetized needle with north marked red and south marked blue, 50 mm size.	5
3	FULL PROTRACTOR	Transparent plastic dia. 125 mm, approx. thickness 2 mm. Double angle marking 0-360	10
4	TUNING FORK AND RUBBER PAD	Mild Steel flattened 06 x 3.4 mm, prongs 110 mm long, frequency 256 Hz. A piece of rubber pad of 70 mm x 50 mm x 8 mm	2
5	U-SHAPE MAGNET	Arm length 50 mm, N and S poles to be marked. Alnico	1
7	SPIRIT LAMP	Steel body along with brass wick holder dia. 65mm, height 50mm	2
8	TRIPOD STAND	Height 100mm cast iron top 7x7x7cm triangle, legs dia. 4mm.	2
9	LABORATORY STAND 1) BOSS HEAD 2) CLAMP 3) G CLAMP	MS rod dia 10 mm x 375 mm long, MS base, CI Boss head, G clamp and V-type clamp.	1
10	TEST TUBE STAND	Acrylic Plastic moulded size 100 mm x 27 mm x 20 mm, 04 blind holes to hold Micro Test Tubes dia. 10mm, depth of hole 15mm.	4
12	WASH BOTTLE	LDPE, capacity 125 mL good quality	4
13	FORCEPS	Stainless steel, length 100 mm.	2
15	TEST TUBE HOLDER	Wooden handle, Length 200 mm to hold the test tubes up to 10 mm dia, plated.	1
16	PLAIN MIRROR STRIP	Good quality, 150mm x 30 mm x 2mm A small plastic block with slit to hold mirror strip	2
19	GLASS DROPPER WITH RUBBER BULB	Borosilicate glass, length 100 mm, capillary length 20 mm, diameter 06 mm.	2
20	TRANSPARENT PVC PLASTIC TUBE WITH STOPPERS	Dia 22 mm, thickness 02 mm, 50 cm long, with stoppers at both ends.	1
21	FILTER PAPER	Ordinary. Circular of dia. 100 mm	10

22	PITH/ PLASTIC BALL	Dia. 12 mm solid, hole throughout center .5mm.	1
23	MIRROR/LENS STAND	Plastic mirror stands 120mm x 30mm x 7 5 mm height with base.	1
25	PLUG KEY	One way plug key (Brass), base 80 mm x 55 mm.	1
26	BLOTTING PAPER	100 mm x 100 mm	10
27	CROCODILE CLIPS	Clips 50 mm, Plated, standard flexible wire 76, 50 cm long. Each set has two wires.	10
28	PAIR OF TONGS	Dia. 05 1mn, overall length 160 mm, chrome plated.	1
29	SURGICAL SCISSORS	125 standards. mm, one prong blunt and other pointed	1
30	SCREW DRIVER	Dia 6mmx100 mm long, hardened, with, plastic handle	1
31	CLAW HAMMER WITH HANDLE	Forged, approximate weight 225 gm with wooden handle.	1
32	CAPILLARY TUBE	Soda glass. dia. 1.5 mm x 100mm.	1
33	MAGNIFYING GLASS	Optical glass, focal length 120 mm, with plastic handle.	1
34	BEAKER (50ML)	Borosilicate glass, capacity 50 mL, height 56 mm, dia 42 mm. with a rim.	1
35	MICRO BEAKER 10ML	Borosilicate glass, capacity 10 mL, height 30 mm, dia 20 mm. with a rim.	2
36	GLASS TUBE	Glass tube dia. 6mm. x 150 mm.	1
38	MEASURING FLASK	25mL capacity	1
39	ROUND BOTTOM FLASK	Borosilicate glass, capacity 35 mL	1
40	SHAVING BLADE	One Packet Having 5 blades	2
41	DOUBLE CONCAVE LENS	Glass, Focal length 20 cm and dia. 50 mm.	2
42	DOUBLE CONVEX LENS	Glass, Focal length 20 cm and dia. 50 mm.	2
43	CONCAVE MIRROR	Glass, Focal Length 20 cm, dia. 5cm.	2
44	CONVEX MIRROR	Glass, Focal Length 20 cm, dia. 5cm.	2
45	TRIANGULAR GLASS PRISM	Glass Prism 25/28 nun of equilateral triangles	1
46	LABORATORY THERMOMETER	Glass, alcohol filled, -100 C to 110° C, graduation 1 ° C with card board/plastic cover and cotton at both ends.	1
47	PLASTIC BOXES	Appropriate size to keep all glass items. 2 Boxes of size 70 mm x 130 mm x 75 mm each 1 box of size 230 mm x 128/130 mm x 85 mm Glassware items to be packed in all these boxes.	2
49	U-TUBE (GLASS/PLASTIC)	Borosilicate glass/plastic, 2mm thick 8mm dia having length of arms 15 cm. making total tube length of 3 7 cm	1

50	RUBBER TUBE	Length 30-40 cm This rubber tube should be of dia such that it gets fitted with the funnel (item no. 24) and U- tube (item no.-110	1
51	DIGITAL STOP CLOCK	8 digit 0.01 least count, count up, countdown.	1
52	TORCH BULB WITH HOLDER	Screw type bulb holder with tag for connection and bulb of 3V	2
53	MEASURING PAN WITH HOLDER	Plastic pan, dish type dia. 80mm, with wire holder	1
55	KNIFE/CUTTER	100 mm x 1.5 mm, hardened steel, with wooden/ plastic handle	5
60	3D TRANSPARENT BIG CUBOID	Hollow cuboid with lid of size - 30mmX60mmX60MM, made up of 1.5 mm thick transparent acrylic material	1
61	3D TRANSPARENT CONE	Hollow cone with lid of size - Dia 60mmX60mm height, made up of 1.5 mm thick transparent acrylic material	1
63	3D TRANSPARENT SPHERE	Hollow sphere with lid of size - dia 60mm, made up of 1.5 mm thick transparent acrylic material	1
64	ANGLE SUM PROPERTY OF QUADRILATERAL	0.3cm thick Acrylic: 29.5 x 29.5 Cm. all angles should be detachable and packed in separate box	1
65	GEO BOARD	ABS material, 210 x 210 x 15 mm. One face has grids of 10 mm square 2.5mm x 7mm dowel inbuilt 17 square each line 18 dowels in built every line total square 289	2

Science and Math Kits - Sr. & Sr. Secondary

S. No.	Item Name	Technical Specification	Qty
1	SPRING BALANCE	A.B.S., open type, capacity 250 g, graduation in steps of 10 g on one side and Newton's on the other side.	2
2	MAGNETIC COMPASS	Metal case, polystyrene transparent top, magnetized needle with north marked red and south marked blue, 50 mm size.	1
3	FULL PROTRACTOR	Transparent plastic dia. 125 mm, approx. thickness 2 mm. Double angle marking 0-360	5
4	TUNING FORK AND RUBBER PAD	Mild Steel flattened 06 x 3.4 mm, prongs 110 mm long, frequency 256 Hz. A piece of rubber pad of 70 mm x 50 mm x 8 mm	1
5	U-SHAPE MAGNET	Arm length 50 1mn, N and S poles to be marked. Alnico	1
7	SPIRIT LAMP	Steel body along with brass wick holder dia. 65mm, height 50mm	2
8	TRIPOD STAND	Height 100mm cast iron top 7x7x7cm triangle, legs dia. 4mm.	2
9	LABORATORY STAND 1) BOSS HEAD 2) CLAMP 3) G CLAMP	MS rod dia 10 mm x 375 mm long, MS base, CI Boss head, G clamp and V-type clamp.	1

10	TEST TUBE STAND	Acrylic Plastic moulded size 100 mm x 27 mm x 20 mm, 04 blind holes to hold Micro Test Tubes dia. 10mm, depth of hole 15mm.	4
11	CHINA DISH	Outer diameter 70mm/75mm.	2
12	WASH BOTTLE	LDPE, capacity 125 mL good quality	2
13	FORCEPS	Stainless steel, length 100 mm.	2
14	TEST TUBE BRUSH	Soft hairs.	2
15	TEST TUBE HOLDER	Wooden handle, Length 200 mm to hold the test tubes up to 10 mm dia, plated.	1
16	PLAIN MIRROR STRIP	Good quality, 150mm x 30 mm x 2mm A small plastic block with slit to hold mirror strip	10
17	SAND PAPER	Standard, Grit-60 and 120 numbers.	5
18	TRANSPARENT STIFF PLASTIC TUBE	Dia. 6 mm x 500 mm length	1
19	GLASS DROPPER WITH RUBBER BULB	Borosilicate glass, length 100 mm, capillary length 20 mm, diameter 06 mm.	2
20	TRANSPARENT PVC PLASTIC TUBE WITH STOPPERS	Dia 22 mm, thickness 02 mm, 50 cm long, with stoppers at both ends.	1
21	FILTER PAPER	Ordinary. Circular of dia. 100 mm	10
22	PITH/ PLASTIC BALL	Dia. 12 mm solid, hole throughout center .5mm.	1
25	PLUG KEY	One way plug key (Brass), base 80 mm x 55 mm.	1
27	CROCODILE CLIPS	Clips 50 mm, Plated, standard flexible wire 76, 50 cm long. Each set has two wires.	5
28	PAIR OF TONGS	Dia. 05 mm, overall length 160 mm, chrome plated.	1
29	SURGICAL SCISSORS	125 standards. mm, one prong blunt and other pointed	1
30	SCREW DRIVER	Dia 6mm x 100 mm long, hardened, with, plastic handle	1
31	CLAW HAMMER WITH HANDLE	Forged, approximate weight 225 gm with wooden handle.	1
32	CAPILLARY TUBE	Soda glass. dia. 1.5 mm x 100mm.	1
33	MAGNIFYING GLASS	Optical glass, focal length 120 mm, with plastic handle.	1
34	BEAKER (50ML)	Borosilicate glass, capacity 50 mL, height 56 mm, dia 42 mm. with a rim.	1
35	MICRO BEAKER 10ML	Borosilicate glass, capacity 10 mL, height 30 mm, dia 20 mm. with a rim.	2
36	GLASS TUBE	Glass tube dia. 6mm. x 150 mm.	1
37	W-TUBE	Borosilicate glass, 2 mm thick x 8 mm dia. having length of arm 70-75 mm with wide mouth in one arm.	4
38	MEASURING FLASK	25mL capacity	1

39	ROUND BOTTOM FLASK	Borosilicate glass, capacity 35 mL	1
40	SHAVING BLADE	One Packet Having 5 blades	5
41	DOUBLE CONCAVE LENS	Glass, Focal length 20 cm and dia. 50 mm.	1
42	DOUBLE CONVEX LENS	Glass, Focal length 20 cm and dia. 50 mm.	1
43	CONCAVE MIRROR	Glass, Focal Length 20 cm, dia. 5cm.	1
44	CONVEX MIRROR	Glass, Focal Length 20 cm, dia. 5cm.	1
45	TRIANGULAR GLASS PRISM	Glass Prism 25/28 nun of equilateral triangles	1
46	LABORATORY THERMOMETER	Glass, alcohol filled, -100 C to 110° C, graduation 1 ° C with card board/plastic cover and cotton at both ends.	1
47	PLASTIC BOXES	Appropriate size to keep all glass items. 2 Boxes of size 70 mm x 130 mm x 75 mm each 1 box of size 230 mm x 128/130 mm x 85 mm Glassware items to be packed in all these boxes.	2
48	OVERFLOW CAN	Plastic transparent with built in base, height 130mm and dia. 55 mm with overflow pipe dia. 8mm	1
49	U-TUBE (GLASS/PLASTIC)	Borosilicate glass/plastic, 2mm thick 8mm dia having length of arms 15 cm. making total tube length of 37 cm	1
50	RUBBER TUBE	Length 30-40 cm This rubber tube should be of dia such that it gets fitted with the funnel (item no. 24) and U- tube (item no.-110	1
51	DIGITAL STOP CLOCK	8 digit 0.01 least count, count up, countdown.	1
52	TORCH BULB WITH HOLDER	Screw type bulb holder with tag for connection and bulb of 3V	2
53	MEASURING PAN WITH HOLDER	Plastic pan, dish type dia. 80mm, with wire holder	1
55	KNIFE/CUTTER	100 mm x 1.5 mm, hardened steel, with wooden/ plastic handle	1
56	SPLIT CORK	Rubber cork of axial length 27/30 mm, smaller face dia. 20 mm. bigger face dia. 25 mm. in the two equalled arts (Cork No. 7)	1
57	PLANO CONCAVE LENS	Spherical Plano Lenses made from Perspex sheet of size 50 mm x 20 mm x 12 mm.	2
60	2 PIECE CONNECTOR	2-piece multipurpose connector of size 15mm x 0.8mm compatible with brick board. The connector should be made of high-quality ABS material.	18
61	3 PIECE CONNECTOR	3-piece multipurpose connector of size 21mm x 0.8mm compatible with brick board. The connector should be made of high-quality ABS material.	14
62	HOLLOW SPACER	10mm diameter and 1mm thickness plastic hollow spacer. The connector should be made of high-quality ABS material.	15
63	T CONNECTOR	15mm x 10mm T connector compatible with the provided shafts such that the vertical part of the T-shape has a plus shape hole and the horizontal part of the T-shape has a	10

		round shape hole. The hole diameter should be 8mm. The connector should be made of high-quality ABS material.	
64	1 X 3 (2 WAY FREE CONNECTOR)	20mm x 0.8mm Brick connector such that after connecting the brick/connector should move freely. The connector should be made of high-quality ABS material.	4
65	SHAFT - A	Minimum length 60mm. It should be made of high-quality ABS material.	3
66	SHAFT - B	Minimum length 100mm. It should be made of high-quality ABS material.	2
67	DISSEMBLING TOOL	90 x 15 x 15 mm dissembling tool. Compatible for 2-piece connector and T connectors. It should be made of high-quality ABS material.	1
69	SPUR GEAR 1	20mm diameter and 10mm thickness plastic spur gear compatible with the provided shaft. It should be made of high-quality ABS material.	6
70	SPUR GEAR 2	60mm diameter and 10mm thickness Plastic spur gear compatible with provided motor shaft. It should be made of high-quality ABS material.	2
71	GEARBOX WITH MOTOR WITH BATTERY HOLDER - A	80.5mm x 28.75mm x 48.5mm 1A) Plastic Gear casing for toy motor, such that casing has provision for a side shaft 1B) Gear mechanism such that students should be able to see the inner gear mechanism 1C) Standard 3V DC toy motor All of the above should be provided in assembled form Should have a 2 AA battery closed holder and a slide switch to control the direction.	1
72	SHAFT - C	Minimum length 170mm. It should be made of high-quality ABS material.	3
73	IDLER GEAR	20mm diameter and 10mm thickness plastic spur gear. It should be made of high-quality ABS material.	2
75	AREA OF PARALLELOGRAM	Made up of 3mm multi-colour acrylic sheet packed in a separate box. Model for explanation of formula length 15 cm and breadth 20 cm	1
76	AREA OF TRAPEZIUM	Made up of 3mm multi-colour acrylic sheet packed in a separate box. Model for explanation of formula. length 15 cm and breadth 20 cm	1

4. Youth & Eco Clubs

The **Youth & Eco** Clubs will engage students across 3,195 elementary (JB, SB), and 1023 secondary schools (941- Samagra Shiksha, 82- PM Shri) through 3 months of activities focused on environmental awareness, sustainability, and community involvement. These clubs will focus on activities like tree plantation, waste management, water conservation, and renewable energy, providing students with opportunities to participate in hands-on activities that promote environmental awareness and sustainability which will be designed for year-long.

By fostering an eco-conscious mindset, the Youth & Eco Clubs aim to instill values of responsibility towards the environment and community. Teachers will be trained to guide students through 3 months of activities that are aligned with sustainability goals and integrated into the school's curriculum.

Objectives Implementation of Youth & Eco Clubs

- To encourage environmental awareness and sustainability practices among students through hands-on activities such as tree planting, waste management, and water conservation.
- To provide tools and resources that enable students to engage in collaborative projects focused on environmental stewardship and community welfare.
- To empower teachers to guide and mentor students in executing quarterly themed activities, promoting interdisciplinary learning.
- To establish a culture of responsibility and sustainability within schools, fostering long-term behavioural change and community impact.

The major components factored for the project are listed below:

- Designing & providing 3 months activities (banners, posters, charts, etc.) focused on environmental awareness, sustainability, and community involvement.
- Supply and distribution of materials required for 3 months activities (e.g., saplings, composting bins, gardening tools, educational posters).
- Delivery of the required materials to each school, with proper documentation and acknowledgment from school authorities.
- 1 day 60 Block Resource Centre level teacher's workshop on how to lead Youth & Eco Club activities, with training reports and attendance records submitted to Samagra Shiksha/EdCIL.
- The implementing agency will deploy Minimum of four educators per district for 3 months to handhold and evaluate the Youth & Eco Clubs, ensuring effective implementation and monitoring of activities will be provided.
- Planning and execution of environmental awareness activities, aligned with school curriculums and focusing on activities like waste management, water conservation, and energy efficiency.
- Integration of club activities into the Learning Management System (LMS) for tracking student participation, activity reports, and engagement.
- The implementing agency will be responsible for supporting and managing club activities throughout 3 months, including providing resources and troubleshooting.
- School authorities will ensure students' active participation and oversee the safe conduct of activities.
- Regular documentation of activities and updates on progress will be shared with Samagra Shiksha/ EdCIL for monitoring and review purposes.
- Helpdesk and onsite support for any issues with the execution of Youth & Eco Club activities or material replenishment.

TIMELINE	ACTIVITIES	SUB ACTIVITIES	TEACHER SUPPORT	FUNDING USE
3 MONTHS	ENVIRONMENTAL AWARENESS AND TREE PLANTATION & KITCHEN GARDENING	Tree Plantation and Green School Initiatives: Students will take part in tree plantation drives, where they will be responsible for planting and nurturing saplings. We will also	Teachers will use the provided manuals to guide students through the process, including the proper care of	• Purchase of saplings, gardening tools, kitchen garden materials and educational posters.

		organize competitions where students can track the growth of their plants, learning about various species of trees in the process. These activities will teach them about environmental stewardship and biodiversity, fostering a practical understanding of sustainability and nature's importance.	saplings and understanding the benefits of green spaces and kitchen gardening.	• Organize competitions and fund prizes for student participation.
We will provide four educators per district for 3 months to handhold and evaluate the Youth & Eco Clubs, ensuring effective implementation and monitoring of activities.				

SUPPORT

1. TLM Park & TLM for Implementation of Innovative Pedagogies:

- **Smooth Functioning:**

The implementing agency shall ensure the smooth functioning of all equipment and materials supplied for the TLM Park and TLM (Jadui Pitara) during the support period, aiming for maximum operational uptime.

- **Support for Educational Materials:**

All educational materials supplied shall not be declared obsolete or unavailable for a period of **one year**, and any updates or upgrades shall be provided during one year.

- **Preventive Maintenance:**

Preventive maintenance services will be provided on a quarterly basis, or as needed, to ensure all learning materials and interactive tools are functioning properly throughout the project duration.

Training & Hand Holding for TLM Park

- Conduct a **training needs assessment** and develop a detailed training strategy, including training setup, approach, methodology, and schedule.
- Provide comprehensive training materials, user manuals, and completion reports for teachers.
- Offer hands-on training for teachers on how to use and manage TLM Park effectively.
- Submit attendance records of trainers and session plans.
- Deploy trainers fluent in Hindi/Bengali and English to conduct sessions for teachers.
- Ensure that at least two teachers per school are trained to use the TLM Park and materials, with the training conducted either centrally or on-site.

2. Learning Enhancement Program (LEP)

- **Smooth Functioning:**

The implementing agency will ensure supply of LEP kits and smooth functioning of remedial tools, and digital platforms provided under LEP, ensuring optimal performance during the support period.

- **Material Upgrades:**

Ensure that learning tools and digital platforms provided remain up to date and are not declared obsolete within the **first year**.

Training & Hand Holding:

- Conduct an assessment to identify training needs and prepare a strategy for training teachers and facilitators.
- Provide training materials, user manuals, kits and assessment reports.
- Deliver hands-on training on remedial teaching and digital tools to ensure teachers can use them effectively.
- Ensure the participation of at least three teachers from each school, including teachers from pre-existing programs, through centralized or on-site sessions.
- Provide a detailed training manual for the implementation of LEP in classrooms.
- Submit training attendance records and session plans for review.

3. **Science and Math Kits**

Support for Kits:

The implementing agency will ensure that Science and Math Kits are not phased out or rendered obsolete for at least **one year**.

Training & Hand Holding:

Digital manuals via QR based learning material in the form of videos will be provided through the Learning Management System.

4. **Youth & Eco Clubs**

Smooth Functioning:

All tools and materials provided under Youth & Eco Clubs will remain fully operational for three months, ensuring maximum uptime.

Support for Materials:

The implementing agency will ensure that none of the materials provided for environmental and sustainability activities become obsolete within three months.

Preventive Maintenance:

Monthly preventive maintenance services will be conducted to ensure that all tools and materials are functioning properly for 3-month activities.

Training & Hand Holding:

- Provide training materials, guides, and progress reports on 3-month activities.

- Deliver hands-on training in the form of workshops will be conducted at district level for teachers to guide students through environmental projects like tree planting, waste management, and water conservation.
- Ensure the training of at least four teachers per district on Youth & Eco Club activities.
- Provide a comprehensive manual with instructions on conducting environmental projects in schools.
- Maintain and submit attendance records for all training sessions.
- Maintain activity logs of each event organized by the schools.

HELPDESK AND ONSITE SUPPORT

For each component, a dedicated SPOC will be deployed for the smooth operation of the project. The implementing agency shall do the implementation of followings:

- a. Supply and handholding of all the solutions.
- b. All the software and hardware required to meet the required functionalities should be supplied by implementing agency.
- c. The product specifications are detailed under minimum technical specification. Please refer to the same for required sizing.
- d. The implementing agency should supply products and learning materials in order to comply with the requirement.
- e. The implementing agency shall supply the material as per work order in the concerned schools/districts/location as per list centralized/decentralized location provided by the SAMAGRA SHIKSHA in Tripura.
- f. After confirmation of delivery at a centralized location, the material shall be dispatched to every school at district level by the implementing agency as per the list provided by the SAMAGRA SHIKSHA with the respective work order.

SERVICE LEVEL AGREEMENT AND PENALTY CLAUSES

- Delivery of all activities should be done within stipulated time submitted in the implementation plan post approval penalty in case of delay @ Rs.500 per day per will be imposed.
- Any penalty may be revoked as decided by the authority of Samagra Shiksha/EdCIL on analysing/examining the factual report.

INSURANCE & TRANSPORTATION:

- The successful Bidder shall be responsible for acquiring comprehensive insurance including transit insurance, liability insurance and any other insurance as required for all the equipment till the delivery, installation and commissioning at the respective end client location/school level (whichever applicable).
- For delivery of goods at the end client's location, the insurance should be obtained by the Supplier in an amount equal to 110% of the value of the goods from "supplier location to end client location" (final destinations) on "All Risks" basis including War Risks and Strikes. The insurance should be valid for a period of not less than 3 months after the completion of installation and commissioning. If orders placed on CIF/CIP basis, the insurance should be up to End Client place.

- The Supplier should make all arrangements towards safe and complete delivery at End Clients Location. Such responsibility on part of the supplier will include taking care of insurance, freight, octroi, state level permits etc. as applicable.
- The supplier should also take care of transit insurance, comprehensive insurance or any other insurance as required which may have direct bearing on the delivery of the items / equipment's at End Clients location.
- It is the total responsibility of supplier to complete all formalities to transit of goods from the place of dispatch to End Clients Location.
- The bidder should ensure that no person can engage in the business of a common carrier unless he has granted a certificate of registration to do so for supply of items at End Clients Location.
- The transportation of goods through unregistered common carrier is illegal. The bidder should ensure to comply the carriage by latest Road Act and any other relevant.
- The supplier will keep EdCIL informed about various stages of deliveries & installation.
- All costs related to insurance shall be borne by the successful Bidder for goods supplied under the Agreement against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery etc. A copy of Insurance Certificate should be provided to EdCIL.

UNLOADING AND UNPACKING:

- Unless specified otherwise in the purchase order, Unloading and storage of the same at the designated place should be undertaken by the successful bidder. The Unpacking of the materials should also be arranged by successful bidder.

PRE-DELIVERY INSPECTION:

- The pre-delivery inspection of the goods should be carried out (at the location provided by the supplier) by the EdCIL officials to check whether the goods are in conformity with the technical specifications attached to the purchase order. A team including the representative of the end client would inspect the material if required.
- The successful Bidder shall facilitate and make available a random 20% sample of each equipment type being supplied by them for a Pre-dispatch Inspection (PDI) by a committee comprising of EdCIL and end client. The PDI will be a key requirement prior to shipment of the equipment. As part of the preparation for PDI, the successful Bidder will provide to EdCIL PDI preparation report.
- The inspection test will be conducted by the EdCIL officials, their consultant or other such person nominated by the EdCIL and by the end client (if required), in the presence of supplier's representatives. The inspection will involve trouble free operation and ascertaining conformity with the ordered specifications and quality. There should not be any additional charges for carrying out inspection test. No malfunction, partial or complete failure of any part of the equipment is expected to occur.
- Successful conduct and inspection of the acceptance test for the installed goods and equipment should also be the responsibility and at the cost of the Supplier.

- The time taken for pre-dispatch inspection is inclusive of the scheduled completion time of the delivery & installation of the equipment's. Only the line item certified by the EdCIL official should be dispatched to the end client.
- If any of the equipment supplied by the Tenderer is found to be substandard, refurbished, unmerchantable or not in accordance with the description/specification or otherwise faulty, the EdCIL official or the official from end client (if required) will have the right to reject the equipment or its part. All damaged or unapproved goods should be returned at suppliers cost and risk and the incidental expenses incurred thereon should be recovered from the supplier.
- In the event of the hardware and software failing to pass the PDI, as per the specifications given, a period not exceeding 3 calendar days will be given to the successful Bidder to rectify the failure and clear the inspection, failing which, EdCIL reserves the right to cancel the Purchase Order and levy appropriate penalties in addition to the Liquidated Damages. EdCIL/client will not be responsible for any costs associated with such rejection. The bidder will be responsible for all equipment supplied till they are delivered and commissioned at the designated location/end client location.
- Additionally, the bidder shall replace the complete lot of equipment belonging to an equipment type, if more than 25% of the sample size for the equipment type are found defective during the PDI. If the lots for two consecutive types of equipment are rejected, the entire shipment of equipment by the manufacturer shall stand rejected and shall have to be replaced by the successful Bidder with a fresh batch of equipment for shipment and related PDI. Any cost impacts of rejection at any stage shall be borne by the Bidder. If the complete shipment is rejected, EdCIL reserves the right to cancel the Purchase Order and levy penalties in addition to the Liquidated Damages. All penalty calculation are explained in detail in SLA.

DELIVERY, INSTALLATION AND COMMISSIONING:

- Delivery, Installation and commissioning at the school level or the desired location should be made within a maximum of 60 calendar days from the date of placement of purchase order.
- The successful bidder to provide absolute supply and Commissioning schedule within 7 days from the receipt of Purchase Order.
- Within 24 hours of dispatch, the supplier should notify the EdCIL by cable/ telex/ fax/ e- mail the full details of the shipment.
- Till the EdCIL/end client takes over/ receives the equipment/ items, the supplier should be responsible to keep the same in safe custody and the charges (if any) to be borne by the successful bidder.
- As part of commissioning of the delivered equipment, the successful bidder shall depute its technically qualified representative(s) to facilitate the conduct of inspection of 100% of the delivered quantity in presence of the EdCIL Official(s) and End Client (s), if required. This inspection shall start immediately after delivery of the equipment's at the centralized location.
- After completion of the inspection, all the equipment shall be repackaged. Rejected equipment if any shall be returned back to the authorized representative of the

successful bidder. The numbers of such rejected equipment shall be struck off from the Delivery Receipt/Acceptance Receipt and from the Invoice claimed by the bidder.

- The equipment to be commissioned for a specific schools/ Inspectorate Level shall be decided by EdCIL and End client. The power supply and internet connectivity for commissioning will be arranged by End Client. Until the equipment is handed over to respective school authorities/end client location, successful bidder will be solely responsible for the security of all the equipment.
- The successful bidder shall carry out for delivery of all the equipments to the school level/end client location provided by EdCIL and its subsequent installation in the classrooms.

FINAL ACCEPTANCE SIGN OFF FROM END CLIENT:

- Against the Delivery and Installation & Commissioning in each school, the selected Bidder shall get a Delivery Certificate and Installation & Commissioning Sign-off certificate from the Headmaster/Teacher/authorized representative of the respective school/ Inspectorate Level. In all likelihood, the Delivery Certificate and Installation & Commissioning Sign-off certificate for a school/ Inspectorate Level shall be provided to the successful Bidder on the same day of successful delivery and commissioning of the equipment for that school. The damaged/defective equipment, if any shall be taken back by the successful Bidder.

LIQUIDATED DAMAGES:

- Delay in delivery: In case of non/partial supply of the equipment within the stipulated period, penalty @ 1% of the total contract value for every week of delay on the defaulted amount shall be applicable, subject to maximum of 10% of the contract value. After reaching the penalty to maximum, EdCIL will have the right to take appropriate disciplinary actions including termination of the contract.
- Purchaser reserves its right to recover these amounts by any mode such as adjusting from any payments to be made by Purchaser to the Bidder.

INDEMNITY:

The successful Bidder shall execute and furnish to EdCIL a Deed of Indemnity in favor of "EdCIL" in a form and manner acceptable to EdCIL, indemnifying EdCIL from and against any costs, loss, damages, expense, claims including those from third parties or liabilities of any kind howsoever suffered, arising or incurred inter alia during and after the Agreement period out of:

- a) Any negligence or wrongful act or omission by the selected Bidder or the selected Bidder's Team in connection with or incidental to this Agreement; or
- b) A breach of any of the terms of selected Bidder Bid as agreed, the RFP and this Agreement by the Bidder or the selected Bidder's Team.

The indemnity shall be to the extent of 100% in favor of EdCIL.

TECHNOLOGY ADVANCEMENT:

According to the technology advancement successful L1 bidder has to provide upgraded product without any extra cost to meet the technology advancement of the market.

MANUALS AND DRAWINGS:

- a. Before the goods and equipment are taken over by the EdCIL, the Supplier should supply operation and maintenance manuals. These should be in such details as will enable the EdCIL to operate, maintain, adjust and repair all parts of the works as stated in the specifications.
- b. The Manuals should be in the ruling language (English) in such form and numbers as stated in the contract.
- c. Unless and otherwise agreed, the goods equipment should not be considered to be completed for the purpose of taking over until such manuals and drawing have been supplied to the EdCIL.

DEVIATION CLAUSE:

EdCIL reserves the right to increase or decrease the quantity by 100% to be ordered up to any number of bid quantity at the time of placement of contract as per client requirements. The purchaser also reserves the right to increase the ordered quantity by 100% of the contracted quantity during the currency of the contract at the contracted rates. The selected Bidder are bound to accept the orders accordingly. The contract shall be valid for 1 year from the date of issue of PO.

DOCUMENTATIONS TO BE PRODUCED BY THE SUCCESSFUL BIDDER DURING PROJECT:

- Original Delivery report duly signed and stamped from the Headmaster/Teacher/authorised representative of the respective school for acknowledgement of delivery.
- Original Installation and Commissioning certificate issued from Headmaster/Teacher/authorised representative of the respective school with sign and stamp for acknowledgement of Commissioning.
- Warranty Certificate in original of all the items supplied to client.
- School wise coloured photographs and videos of 1-minute duration (in soft copy) of every school when the product is installed within 30 days from the date of commissioning of the project. The video must capture the functionality of the device(s) in presence of any official/teacher.

SPECIAL REQUIREMENTS FOR SOLUTION'S:

It will be the responsibility of bidder to provide trouble free support & operation for all specified equipment offered by them.

AUTHORIZATION FROM PRINCIPLES:

Bidder shall submit an undertaking from the manufacturer/OEM towards successful performance of contract including Warranty and subsequent maintenance, Spares & Services if applicable.

OVERALL TECHNICAL REQUIREMENTS:

The Bidder shall perform all services and carry out obligations with utmost diligence, efficiency, and economy, adhering to globally accepted professional techniques and practices. Advanced technology and safe methods must be employed, ensuring all processes align with sound management practices. Additionally, the Bidder must act as a faithful adviser to the client, protecting the client's legitimate interests in all dealings with sub-bidders or third parties.

CHAPTER-VI

Eligibility and Bid Evaluation

6.1 Bid Evaluation Process:

Evaluation will be based on the bidder meeting the eligibility criteria and subsequently evaluation of financial bid. It is mandatory for the bidder to fulfil all the eligibility criteria to be qualified for technical evaluation.

6.2 Eligibility Criteria:

S.No.	PQ Criteria	Description of the Criteria	Documents to be Submitted
1	Legal Entity	<p>The firm should be a company registered in India under Companies Act 1956, Act 2013 or Proprietorship or a partnership registered under the India Partnership Act 1932 or Partnership firm registered under Limited Liability Partnership Act 2008 with their registered office in India in operation for the last ten years. Consortium of companies/firms is not allowed.</p> <p><u>For MSME/NSIC registered bidder:</u></p> <p>The firm should be a company registered in India under Companies Act 1956, Act 2013 or Proprietorship or a partnership registered under the India Partnership Act 1932 or Partnership firm registered under Limited Liability Partnership Act 2008 with their registered office in India in operation for the last seven years.</p> <p>Consortium of companies/ firms is not allowed.</p>	<ul style="list-style-type: none">● Valid copy of certificate of incorporation and registration certificates.● Copy of GST registration. Copies of relevant certificates of registration income tax● PAN
2	Turnover	<p>Bidder must have minimum average annual turnover of Rs. 25 crores during the last three financial year i.e., 2021-22, 2022-23 and 2023-2024.</p>	<ul style="list-style-type: none">● Audited Profit and Loss Statement and Balance sheets for FY 2021-22, 2022-23 and 2023-24.● Auditor Certificate clearly

		<p>Bidder must be profitable and has positive net-worth in each of the last 3 financial year i.e., 2021-22, 2022-23 and 2023-2024.</p> <p><u>For MSME/NSIC registered bidder:</u> Bidder must have minimum average annual turnover of Rs. 20 crores during the last three financial year i.e., 2021-22, 2022-23 and 2023-2024.</p> <p>Bidder must be profitable and has positive net-worth in each of the last 3 financial year i.e., 2021-22, 2022-23 and 2023-2024.</p>	<p>specifying the turnover along with Profit and Net-worth during the FY 2021-22, 2022-23 and 2023-24.</p> <ul style="list-style-type: none"> MSME Bidder should produce valid registration certificate from NSIC/MSME.
3	Blacklisting certificate	<p>The bidder should not have been blacklisted by the Central Government, State Governments, PSU or any Government Corporations in India, preceding bid due date.</p>	<p>Copy of undertaking signed by authorized signatory of bidder should be submitted with the technical bid. Format enclosed as Annexure IV</p>
4	Technical Capability	<p>Bidder should have the experience of Implementation of single work order of TLM Park/ Atal Tinkering Lab in government schools having value not less than Rs 15 crores during last 3 years preceding bid due date.</p> <p style="text-align: center;">OR</p> <p>Bidder should have the experience of implementation of two work orders of TLM Park/ Atal Tinkering Lab in government schools having value not less than Rs 11.5 crore for each project during last 3 years preceding bid due date.</p> <p style="text-align: center;">OR</p> <p>Bidder should have the experience of implementation of three work orders of TLM Park/ Atal Tinkering Labs in government schools having value not less than Rs 7.5 crore for each project during last 3 years preceding bid due date.</p> <p><u>For MSME/NSIC registered bidder:</u></p>	<p>Copy of work order/MoU and completion certificate from client /email from client on project completion/Installation Certificate duly certified from client.</p> <p>Note: The work order should be issued from Center/State Govt/Autonomous bodies only. The work order value of the TLM Park/ Atal Tinkering Lab should be clearly mentioned in the work order.</p>

		<p>Bidder should have the experience of Implementation of single work order of TLM Park/ Atal Tinkering Lab in government schools having value not less than Rs 12 crores during last 3 years preceding bid due date.</p> <p style="text-align: center;">OR</p> <p>Bidder should have the experience of implementation of two work orders of TLM Park/ Atal Tinkering Lab in government schools having value not less than Rs 9.2 crore for each project during last 3 years preceding bid due date.</p> <p style="text-align: center;">OR</p> <p>Bidder should have the experience of implementation of three work orders of TLM Park/ Atal Tinkering Labs in government schools having value not less than Rs 6 crore for each project during last 3 years preceding bid due date.</p>	
		<p>The bidder should have experience of teacher's training to minimum 1500 teachers across Govt. Schools during last 3 years preceding bid due date</p> <p><u>For MSME/NSIC registered</u></p> <p>The bidder should have experience of teacher's training to minimum 1200 teachers for Govt. Schools during last 3 years preceding bid due date.</p>	<p>Copy of work order/MoU and Completion Certificate from client /email from client on project completion/ Installation Certificate duly certified from client.</p> <p>A letter from the end client wherein the number of teachers/ students trained should be clearly mentioned.</p>
5	Bidder Quality Certification	<p>The Bidder should have the following certificates:</p> <p>ISO 9001:2015 ISO 20001 ISO 27001</p>	Copies of the valid certificates.
6	Power of Attorney	A Power of Attorney / Board Resolution in the name of the person signing of the tender.	Original Power of Attorney / Board Resolution Copy on a non-judicial stamp paper as per Annexure VIII
7	Insolvency/	The bidder must not have been declared insolvent/ bankrupt or	A Self Declaration on the Letter head of the BIDDER regarding

	Bankruptcy	should not have filed for insolvency/ bankruptcy or in the process of being declared bankrupt before any designated authority preceding bid due Date	BIDDER Company not being bankrupt or in process of being declared insolvent / bankrupt as on date as per Annexure XVIII.
8	Undertaking	The bidder has to give undertaking for acceptance of terms of "Restrictions on procurement from a bidder of a country which shares a land border with India"	Undertaking as per Annexure-XIX.
9	MAF	The bidder has to provide the MAF for the products mentioned at Annexure VII.	MAF as per Annexure VII.
10	Sample	Submission of sample kits solution wise before bid end date	Proper Box
10	Solvency	The bidder should have the solvency of Rs. 2 Crore. The solvency certificate should be issued from Bank. <u>For MSME/NSIC registered bidder:</u> The bidder should have the solvency of Rs. 1 Crore. The solvency certificate should be issued from Bank.	Solvency certificate issued from bank should not be older than 3 months.

- Documents must be provided in support of the following otherwise bids will be summarily rejected.
- EdCIL reserves the right to verify the work order submitted by prospective bidder from issuing department.
- Technical bids will also be reviewed for compliance with the necessary Instructions, terms and conditions, scope of work, formats etc. as outlined in this tender.
- The Technical bid will be evaluated by evaluation committee set-up by EDCIL.
- The Technical Evaluation will be conducted based on the relevant support documents submitted by the Bidders.
- The bidder who qualifies the eligibility criteria shall be declared as technically qualified bidder and those shall be notified for opening of their financial bid.
- Notwithstanding anything stated above, the EdCIL reserves the right to assess bidder's capability and capacity to perform the contract, should circumstances warrant such an assessment in the overall interest of the EdCIL.

Technical Evaluation:

S.No.	Description	Evaluation Criteria	Max Mark's	Documents
1.	The Bidder should be registered under Companies Act, 1956 and 2013 in India and should have been in operation in India for at least last 10 years as on the date of submission of the bid. Consortium of companies / firms are not allowed.	\geq 10 Years: 10 Marks \geq 12 Years: 15 Marks \geq 15 Years: 20 Marks	20	<ul style="list-style-type: none"> Valid copy of certificate of incorporation and registration certificates. Copy of GST registration. Copies of relevant certificates of registration income tax. PAN
2.	Bidder must have minimum an average annual turnover of Rs. 25 crores during the last three financial year i.e., 2021- 22 and 2022-23, 2023-2024.	\geq 25 Crores: 10 Marks \geq 30 Crore: 15 Marks \geq 35 Crore: 20 Marks	20	<ul style="list-style-type: none"> Audited Profit and Loss Statement and Balance sheets for FY 2021- 22 and 2022-23, 2023-2024 Auditor Certificate clearly specifying the turnover along with Profit and Net-worth during the FY 2021-22 and 2022-23, 2023-2024
3.	Bidder should have experience of implementation of TLM Park/ Atal Tinkering Lab across government schools of India during last 3 Years preceding bid due date. The value of single work order should not be less than 7.5 Crore.	Value of Single work order \geq 7.5 Crore: 10 Marks Value of Single work order \geq 11 Crore: 15 Marks Value of Single work order \geq 15 Crore: 20 Marks	20	Copy of work order/MoU and Completion certificate from client /email from client on project completion/Installation Certificate duly certified from client. Note: The work order should be issued from Center/State Govt/Autonomous bodies only. The work order value of the TLM Park/ Atal Tinkering Lab should be clearly mentioned in the work order.
4.	Bidder should have experience in supply & commissioning TLM Park/ Atal Tinkering Lab in government schools of India during last 3 Years preceding bid due date.	10 Marks for each project having value not less than 11.5 Crores.	20	Copy of work order/MoU and Completion Certificate from client /email from client on project completion/Installation Certificate duly certified from client. Note: The work order should be issued from Center/State

			Govt/Autonomous bodies only. The work order value of the TLM Park/ Atal Tinkering Lab should be clearly mentioned in the work order.
5.	The bidder should have experience of teacher's training to minimum 1500 teachers across Govt. Schools during last 3 years preceding bid due date	≥ 1500 Teachers: 10 Marks ≥ 1750 Teachers: 15 Marks ≥ 2000 Teachers: 20 Marks	20 Copy of work order/ MoU and completion certificate from client /email from client on project completion/ Attendance sheet duly certified from client and A letter from the end client wherein the number of teachers trained should be clearly mentioned.

For MSME/ NSIC registered bidder:

S.No.	Description	Evaluation Criteria	Max Mark's	Documents
1.	The Bidder should be registered under Companies Act, 1956 and 2013 in India and should have been in operation in India for at least last 7 years as on the date of submission of the bid. Consortium of companies / firms are not allowed.	≥ 7 Years: 10 Marks ≥ 10 Years: 15 Marks ≥ 12 Years: 20 Marks	20	<ul style="list-style-type: none"> Valid copy of certificate of incorporation and registration certificates. Copy of GST registration. Copies of relevant certificates of registration income tax. PAN
2.	Bidder must have minimum an average annual turnover of Rs. 20 crores during the last three financial year i.e., 2021- 22 and 2022-23, 2023-2024.	≥ 20 Crores: 10 Marks ≥ 24 Crore: 15 Marks ≥ 28 Crore: 20 Marks	20	<ul style="list-style-type: none"> Audited Profit and Loss Statement and Balance sheets for FY 2021- 22 and 2022-23, 2023-2024. Auditor Certificate clearly specifying the turnover along with Profit and Net-worth during the FY 2021- 22 and 2022-23, 2023-2024.
3.	Bidder should have experience of implementation of TLM Park/ Atal Tinkering Lab across government schools of India during last 5 Years preceding bid due date. The value	Value of Single work order ≥ 6 Crore: 10 Marks Value of Single work order ≥ 8.5 Crore: 15 Marks		Copy of work order/MoU and Completion certificate from client /email from client on project completion/Installation

	of single work order should not be less than 6 Crore.	Value of Single work order \geq 12 Crore: 20 Marks	20	Certificate duly certified from client. Note: The work order should be issued from Center/State Govt/Autonomous bodies only. The work order value of the TLM Park/ Atal Tinkering Lab should be clearly mentioned in the work order.
4.	Bidder should have experience in supply & commissioning TLM Park/ Atal Tinkering Lab in government schools of India during last 3 Years preceding bid due date.	10 Marks for each project having value not less than 8.5 Crores.	20	Copy of work order/MoU and Completion Certificate from client /email from client on project completion/Installation Certificate duly certified from client. Note: The work order should be issued from Center/State Govt/Autonomous bodies only. The work order value of the TLM Park/ Atal Tinkering Lab should be clearly mentioned in the work order.
5.	The bidder should have experience of teacher's training to minimum 1200 teachers across Govt. Schools during last 3 years preceding bid due date	\geq 1200 Teachers: 10 Marks \geq 1400 Teachers: 15 Marks \geq 1600 Teachers: 20 Marks	20	Copy of work order/ MoU and completion certificate from client /email from client on project completion/ Attendance sheet duly certified from client and A letter from the end client wherein the number of teachers trained should be clearly mentioned.

Note: - All the bidders who secure a Technical Score of 60 marks out of total 100 marks i.e. 60% of total marks or more will be declared as technically qualified and are eligible for financial bid opening

Evaluation of financial bids:

The Financial bid of only those bidders who are found technically eligible shall be opened. The financial bids shall be opened in the presence of representative of technically eligible bidders, who may like to be present. Financial bids will be inspected to ensure their conformity to the format provided in the tender document. If there is any discrepancy between words and figures in any part of the financial bid, the amount indicated in words will prevail. The technically qualified bidder who has quoted the lowest price in the financial bid will be L1 and considered for the award of contract.

Chapter-VII

DELIVERY TIMELINE AND PAYMENT TERMS

Bidder shall make all the arrangements for the timely delivery and installation of equipment for successful completion of project. No other incidental/TA/DA/any other such expenditure shall be paid by EdCIL.

S.No.	Milestone	Timeline (In Calendar Days)
1.	Delivery of all Equipment for 1. TLM, 2. TLM Park, 3. Science & Math Kits and 4. LEP at Centralized Warehouse & PDI of the supplied material	T+ 8 weeks.
2.	On Supply of ● All the TLM and Science & Math Kits at Inspectorate Level. ● All the TLM Park at School Level.	T+10 weeks
3.	On completion of ● Delivery of all the Elementary, Senior and Senior Secondary Kits at Inspectorate Level ● Implementation of 3 days Physical LEP Elementary and Secondary Modules ● Online training to students ● Scope of work of LEP, TLM, TLM Park, Science & Maths Kits outlined in chapter V.	T+12 weeks
4.	On completion of implementation of Youth & Eco Clubs and Scope of work of Youth & Eco Clubs outlined in chapter V.	T+14 weeks

Note:- * Here 'T' Indicates the date of LOA.

EdCIL reserves the right to change the timelines as per the requirement of the client. The milestones and timelines can be minimized as per the requirements of the individual projects/end client at the time of award of work order.

Delivery of the services with the performance in line with the requirements shall be made by the bidder in accordance with the time schedule specified by the Purchaser. If at any time during performance of the contract, the bidder should encounter conditions impeding timely delivery of the Goods and performance of Services, the bidder shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practical after receipt of the bidder's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the bidder's time for performance with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Contract.

Note:

- I. The Supplier should Provide the project plan after getting the work order from EdCIL. Also, the supplier should inform the deviation from the project plan with proper reason

to EdCIL.

- II. Bidder shall make all the arrangements for the timely delivery and installation of equipment for successful completion of project. No other incidental/TA/DA/any other such expenditure shall be paid by EdCIL.
- III. In case of any loss happening/ damage to equipment and supplies during the carriage of supplies from the origin of equipment to the installation site, the supplier has to replace it with new equipment/supplies immediately at his own risk. Supplier will settle his claim with the insurance company as per his convenience. EdCIL or End Client will not be liable to any type of losses in any form.

PAYMENT TERMS

S.No.	Project Milestones	Payment Schedule	Documents to be submitted
1.	Delivery of all Equipment for 1. TLM, 2. TLM Park, 3. Science & Math Kits and 4. LEP at Centralized Warehouse & PDI of the supplied material	30% of Project Value	Signed copy of PDI from EdCIL/Samgra Shiksha official.
2.	On Supply of • All the TLM and Science & Math Kits at Inspectorate Level. • All the TLM Park at School Level.	35% of Project Value	Original Delivery certificate, Original Installation Certificate issued from concerned IS level for TLM and Science & Maths kits, HM/AHM for TLM Park and e-Way bill.
3.	On completion of • Delivery of all the Elementary, Senior and Senior Secondary Kits at Inspectorate Level • Implementation of 3 days Physical LEP Elementary and Secondary Modules • Online training to students • Scope of work of LEP, TLM, TLM Park, Science & Maths Kits outlined in chapter V.	25% of Project Value	Original delivery certificate issued from concerned IS level, Training Attendance sheet duly certified by HM/AHM of School and e-Way bill.
4.	On completion of implementation of Youth & Eco Clubs and Scope of work of Youth & Eco Clubs outlined in chapter V.	10% of Project Value	Training Attendance sheet duly certified by HM/AHM of School.

Note:

- Payments will be done only on the back to back basis on receipt of the related payment/funds from the end client, subject to satisfactory acceptance of the deliverables from the end client as per the submission of the required document.
- Payment will be processed after proper quality checks and signing of handing over certificates by concerned authorities.
- No advance payment shall be released to the Supplier.
- Payment to the Supplier shall be made in Indian Rupees through account payee cheque / NEFT / RTGS.
- Warranty start will be reckoned from the date of commissioning as approved by the end client. Part payment can be made against commissioning in accordance to the progress of the project based on the availability of funds in the project.

- The invoices must be based on work orders (or any amendments thereof) issued by the EdCIL.
- SLA Breaches (if any) provided by the client may also result in deduction of the payment against the work order.
- Geo-tagged school wise colored photographs of every delivery location when the product is delivered and when the product is installed provide location wise colored photographs and videos of 1 – minute duration (in soft copy) separately. The video must capture the functionality of the device(s) in presence of any school/concerned official/teacher.
- Payments shall be subject to deductions / damages / penalties of any amount for which the Supplier is liable under the contract. Further, all payments shall be made subject to deduction of TDS (Tax Deduction at Source) at the rate applicable from time to time as per the Income-Tax Act, 1961 and any other applicable deductions/ taxes.

Performance Security / PBG

The successful bidder shall be required to deposit Performance security equivalent to 3% of work order value to EdCIL within 14 days from the date of issue of Work Order. The Performance Security should be issued in favour of "**EdCIL (India) Limited**" to be valid for a period of 90 days beyond the date of completion of O&M period & contractual obligations. This Performance Bank Guarantee should be retained throughout the currency of the contract and shall be extended by the bidder from time to time, as required by EdCIL. The list of banks from where the Performance security is acceptable is at Annexure-XV. PBG shall be returned to the successful bidder only after 90 days of the successful completion of the Contract. In case of any shortfall of any activity/ specification/ other terms and conditions of the contract, EdCIL reserves the right to recover damages or loss from the due the payment or by the encashment of PBG.

Chapter-VIII

KEY CONTRACT TERMS

1. Arbitration

- a. Any dispute arising out of or in connection with this contract, including any question regarding its existence, validity or termination, shall be referred to and finally resolved by arbitration administered by the India International Arbitration Centre (“IIAC”) in accordance with the India International Arbitration Centre (Conduct of Arbitration) Regulations (“IIAC Regulations”) for the time being in force, which regulations are deemed to be incorporated by reference in this clause.
- b. The place/seat of the arbitration shall be New Delhi, India.
- c. The Tribunal shall consist of one arbitrator.
- d. The law governing the arbitration agreement shall be Indian Law.
- e. The language of the arbitration shall be English.
- f. The governing law of the Contract shall be Indian Law.
- g. Arbitration cost to be borne by the Supplier.

2. Non-Disclosure

The company and their personnel shall not, either during the term or after expiration of this contract, disclose any proprietary or confidential information relating to the services, contract, terms, prices or the client’s business or operations details without the prior written consent of the client.

3. Risk Purchase Clause

In event of failure of supply of the item/equipment within the stipulated delivery schedule, the EdCIL has all the right to purchase the item/equipment from the other source on the total risk and cost of the supplier under risk purchase clause.

4. Compensation

In consideration of the Services hereunder, EdCIL India Limited shall pay BIDDER the fees and expenses (“Charges”) as specified in Commercial. All amounts payable to BIDDER are exclusive of any Taxes. EdCIL India Limited shall be entitled to deduct from applicable payments to BIDDER, any tax on BIDDER’ income deductible at source at the rates applicable as per the provisions of Income Tax Act 1961 and provide BIDDER with evidence or certificate of payment of such tax to the taxing authorities. BIDDER shall submit invoices to EdCIL India Limited in accordance with the payment schedule in Commercial of this document. Payment stages are available at Chapter-VII

5. Representations and Warranties

Bidder warrants that the Services will be provided in a skillful and workman like manner and in conformity with the scope described in Scope of Work Proposed Functional Scope of this document. Notwithstanding the aforesaid, any Services which are provided by bidder free of charge or are otherwise not chargeable shall be provided on an ‘AS IS’ basis without any warranties whatsoever. Each Party represents, warrants and covenants to the other

that: (i) it is duly organized and validly existing and in good standing under the laws of the state of its incorporation or formation; (ii) it has the full right and authority to enter into and that this Agreement constitutes a legal, valid and binding obligation; and(iii) its execution, delivery and performance of this Agreement does not and will not conflict with, or constitute a breach or default under, its charter of organization, or any contract or other instrument to which it is a party.

6. Limitation of Liability

Neither EdCIL India Limited nor the bidder shall be liable to the other for any special, indirect, incidental, consequential (including loss of revenue, data and/or profit), exemplary or punitive damages, whether in contract, tort or other theories of law, even if the Party has been advised of the possibility of such damages. The total cumulative liability of either party under this Agreement shall not exceed the value of the contract. The limitation on any Party's liability herein shall not apply to liability for damages, resulting from (i) the willful misconduct; (ii) breach of the use terms in respect of use of bidder Application System; and (iii) breach of confidentiality obligations. Bidder shall not be held liable for any delay or failure in its obligations, if and to the extent such delay or failure has resulted from a delay or failure by or on behalf of EdCIL India Limited to perform any of EdCIL India Limited's obligations.

7. Confidential Information

Each Party (the "Receiving Party") acknowledges and agrees to maintain the confidentiality of Confidential Information (as hereafter defined) provided by the other Party (the "Disclosing Party") hereunder. The Receiving Party shall not disclose or disseminate the Disclosing Party's Confidential Information to any person other than those employees, agents, contractors, subcontractors and licensees of the Receiving Party, or its affiliates, who have a need to know it in order to assist the Receiving Party in performing its obligations, or to permit the Receiving Party to exercise its rights under this Agreement. In addition, the Receiving Party (i) shall take all such steps to prevent unauthorized access to the Disclosing Party's Confidential Information, as it takes to protect its own confidential or proprietary information of a similar nature, which steps shall in no event be less than a reasonable standard of care, (ii) shall not use the Disclosing Party's Confidential Information, or authorize other persons or entities to use the Disclosing Party's Confidential Information, for any purposes other than in connection with performing its obligations or exercising its rights hereunder, and (iii) shall require all persons and entities who are provided access to the Disclosing Party's Confidential Information, to execute confidentiality or non-disclosure agreements containing provisions substantially similar to those set forth in this Clause. The provisions of this Clause respecting Confidential Information shall not apply to the extent, but only to the extent, that such Confidential Information is: (a) already known to the Receiving Party free of any restriction at the time it is obtained from the Disclosing Party, (b) subsequently learned from an independent third party free of any restriction and without breach of this provision; (c) is or becomes publicly available through no wrongful act of the Receiving Party or any third party; (d) is independently developed by the Receiving Party without reference to or use of any Confidential Information of the Disclosing Party; or (e) is required to be disclosed pursuant to an applicable law, rule, regulation, government requirement or court order, or the rules of any stock exchange. Upon the Disclosing Party's written request at any time, or following the completion or termination of this Agreement, the Receiving Party shall promptly return

to the Disclosing Party, or destroy, all Confidential Information of the Disclosing Party provided under or in connection with this Agreement, including all copies, portions and summaries thereof.

8. Force Majeure

The selected Bidder should not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delays in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

- I. For purposes of this Clause, "Force Majeure" means an event beyond the control of the bidder and not involving the bidder's fault or negligence and not foreseeable. Such events shall include, but are not limited to, acts of the EdCIL either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- II. If a Force Majeure situation arises, the bidder should promptly notify the EdCIL in writing of such conditions and the cause thereof. Unless otherwise directed by the EdCIL in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and should seek all reasonable alternative means for performance not prevented by the Force Majeure event.

9. Prices

- I. The price should be quoted in per unit (with breakup) and must include all packing and delivery charges. The offer/bid should be inclusive of taxes and duties, which will be paid as applicable. However, the percentage of taxes and duties should be clearly indicated. The inter se merit position of the bids however shall be decided based on the composite price of the product including taxes, transportation, Warranty with all other incidental expenses indicated.
- II. The prices must be quoted in the Performa given in **Financial Bid** failing which the Bid would be treated as unresponsive. Any discount or any other offers affecting the package price must be mentioned in **Financial Bid** only. Discount or any other offers affecting the Package price **mentioned at any other place of the bid other than Financial Bid will not be considered.**
- III. The price quoted should be inclusive of 3 years on site comprehensive warranty including basic training and demonstration to the end client.

10. Notices

For the purpose of all notices, the following should be the address :

**Chief General Manager (DES)
EdCIL (India) Limited,
18 A, Sector-16A,
Noida-201301, Uttar Pradesh
Tel: 91-120-2512001 to 2512006**

Supplier: (To be filled in by the supplier)

- Any notice given by one party to the other pursuant to this contract/order should be sent to the other party in writing or e-mail and confirmed in writing from the other party's address.
- A notice should be effective when delivered or on the notice's effective date, whichever is later.

11. Supplier Integrity

The selected bidder is responsible for and obliged to conduct all contracted activities in accordance with the Contract using state of the art methods and economic principles and exercising all means available to achieve the performance specified in the contract.

12. Governing Language

The contract should be written in English language. English language version of the Contract should govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, should be written in the same language.

13. Applicable Law

The Contract should be interpreted in accordance with the laws of the Union of India and all disputes should be subject to place of jurisdiction. The place of jurisdiction would be New Delhi (Delhi) INDIA.

14. Right to Use Defective Goods

- I. If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, EdCIL should have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the EdCIL's operation.
- II. Replacement of Goods broken, damaged or short: In the event of any material or part thereof found broken or damaged or received short during transit or during installation or Commissioning or testing at site, before commissioning in service the suppliers should replace the same free of cost. However, EdCIL may recover amount equivalent to the cost of such damaged / broken / short supplied materials and will repay when actual replacement is given.
- III. Substitution and Wrong Supplies: Unauthorized substitution or materials delivered in error of wrong description or quality or supplied in excess quantity or rejected goods should be returned to the supplier at their own cost and risk.

15. Taxes

Selected Bidder should be entirely responsible for all taxes, duties, road permits, etc., incurred until delivery of the contracted Goods/Services. EdCIL shall only make payment towards the GST Charged in the invoice other than that no other taxes/ duties/ Charges will be paid.

16. Defective Equipment

- I. If any of the equipment supplied by the Bidder is found to be substandard, refurbished, un-merchantable or not in accordance with the description/specification or otherwise faulty, the committee will have the right to reject the equipment or its

part. The prices of such equipment should be refunded by the Bidder with 18% interest if payments for such equipment have already been made.

- II. All damaged or unapproved goods should be returned at suppliers' cost and risk and the incidental expenses incurred thereon should be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, should be replaced on receipt of the intimation from EdCIL/end client at the cost and risk of supplier including all other charges. In case supplier fails to replace above item as per above terms & conditions, EdCIL (INDIA) LTD may consider "Banning" the supplier.

17. Termination for Default

The EdCIL should, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part:

- I. If the Supplier fails to complete the work within the period(s) specified in the order, or within any extension thereof granted by the EdCIL; or
- II. If the Supplier fails to perform any other obligation(s) under the Contract.
- III. If the Supplier, in the judgment of the EdCIL has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- IV. For the purpose of this Clause:
 - **"Corrupt practice"** means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
 - **"Fraudulent practice"** means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the client, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the client of the benefits of free and open competition;"
 - In the event the EdCIL terminates the Contract in whole or in part, the EdCIL should procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier should be liable to the EdCIL for any total risk & costs for such similar Goods or Services. However, the Supplier should continue the performance of the Contract to the extent not terminated.
- V. In case supplier fails to submit PBG within the stipulated time, EdCIL reserves the right to terminate the contract without any further notice.

18. Tender Conditions with Implementation of Insolvency and Bankruptcy Code, 2016 (IBC)

- a) It will be the responsibility of the bidder to inform EdCIL within 15 days from the date of order of insolvency resolution process or liquidation or bankruptcy proceeding

passed by the Adjudicating Authority namely, National Company Law Tribunal (NCLT) or Debt Recovery Tribunal (DRT) under the Code.

- b) If bidder refuses or fails to share the information regarding their status of insolvency resolution process or liquidation or bankruptcy proceeding in their bid or at any later stage, their offer is liable to be rejected by EdCIL.
- c) EdCIL reserves the right to cancel/terminate the contract without any liability on the part of EdCIL immediately on the commencement of insolvency resolution process or liquidation or bankruptcy proceeding of any party under the contract.
- d) EdCIL reserves its right to evaluate and finalise the bid without considering the bid of any party undergoing insolvency resolution process or liquidation or bankruptcy proceeding under the Code regardless of the stage of tendering.
- e) A declaration / undertaking shall be submitted by the bidder in the Format (as per ANNEXURE-XVIII) along with techno commercial bid.

19. Guide lines for Evaluation & Short closure:

- a) After opening of price bid but before award, if a bidder(s) is(are) rejected due to initiation of insolvency resolution process or liquidation or bankruptcy proceeding under Insolvency and Bankruptcy Code, 2016 (Code), tender will be finalized ignoring such bid(s).
- b) During execution of contract, if insolvency resolution process or liquidation or bankruptcy proceeding under Insolvency and Bankruptcy Code, 2016 (Code) is initiated against a contractor and EdCIL shall have the right to short close the contract.

20. Compliance certificate

This certificate must be provided on their letter head indicating conformity to the technical specifications.

21. Award of Contract

- I. EdCIL reserves the right to accept or reject any proposal and to annul the bidding process and reject all proposals at any time prior to award of contract, without thereby incurring any liability to the Bidders. In case of annulment, all proposals submitted and specifically, proposal securities shall be promptly returned to the Bidder.
- II. EdCIL has the right to review at any time prior to award of contract that the pre-qualification criteria, are still being met by the Bidder whose offer has been determined as first rank. A proposal shall be rejected if the eligibility criteria, are no longer met by the Bidder whose offer has been determined as first rank.

22. User List

Brochure detailing technical specifications and performance, list of industrial and educational establishments where the items have been supplied must be provided.

23. Product Life

The Models offered should strictly conform to the specifications given in the product literature and these models should be supported for a minimum period of 3 years including warranty period. The Models proposed/ marked for withdrawal from the market and the models under quality testing should not be offered.

In addition to the above, if any additional/ enhanced configuration is suggested in view of technological changes, it may be furnished as optional feature with/without cost duly explaining the additional utility of the offered model in both the technical offer document as well as Commercial Offer document. However, the basic quote should be confined only to the configuration/ model offered for.

24. Acknowledgement

It is hereby acknowledged that we have gone through all the conditions mentioned above and we agree to abide by them.

25. Price Information

Price information shall not be there in Technical Bid.

26. Rates in Figures and Words

Rates Quoted by the Bidder in tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall unless otherwise proved be taken as correct. If the amount of an item is not worked out by the contractor or it does not correspond with the rates written either in figures or in words then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the bidder in figures and in words tally but the amount is not worked out correctly, the rates quoted by the Bidder will unless otherwise proved be taken as correct and not the amount. In event no rate has been quoted for any item(s), leaving space both in figure(s), word(s) and amount blank, it will be presumed that the Bidder has included the cost of this/these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly.

In the case of any tender where unit rate appear unrealistic, such tender will be considered as unbalanced and in case the tender is unable to provide satisfactory explanation such a tender is liable to be disqualified and rejected.

27. Fall Clause

The Bidder undertakes that the rates quoted by him in the financial bid for each item is not higher than the rate offered by him for similar work to any other PSU/ AB/ Govt. Department. In case, if the price charged by bidder is more, EdCIL will have the right to recover the excess charged amount from the subsequent/unpaid bill of the supplier, provided all condition of the work including time, scope, logistics, specifications and country are same.

Technical Compliance Sheet

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder Name: _____

Designation: _____

Organization Name: _____

Contact No.: _____

Seal of the Company: _____

**<< Organization Letter Head >>
DECLARATION SHEET**

We, _____ hereby certify that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification. We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, we will support on regular basis with technology / product updates and extend support for the warranty.

We, further specifically certify that our organization has not been Black Listed/ De Listed or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking	NAME & ADDRESS of the VENDOR/ MANUFACTURER/ AGENT
1 Phone	
2 Fax	
3 E-mail	
4 Contact Person Name	
5 Mobile Number	
6 TIN Number	
7 PAN Number	
(In case of on-line payment of EMD) 8. UTR No. (For EMD)	
9. Kindly provide bank details of the bidder in the following format: a) Name of the Bank	
b) Account Number	
c) Kindly attach scanned copy of one Cheque book page to enable us to return the EMD to unsuccessful bidder	

(Signature of the Tenderer)
Name: _____

Seal of the Company

Letter of undertaking
(ON THE LETTER HEAD OF THE BIDDER)

To
Chief General Manager (DES)
EdCIL (India) Limited (EdCIL)
EdCIL House, 18 A, Sector-16 A,
NOIDA – 201301 (U.P.)

Sir,

SUBJECT- Selection of service provider for “Selection of System Integrator For

1. Supply of TLM for Implementation of Innovative Pedagogies and TLM for Children (ECCE)
2. Design, Supply & Installation of TLM park
3. Implementation of Learning Enhancement Program (LEP)
4. Supply of Science and Math kits
5. Implementation of Youth & Eco Clubs

This bears reference to EdCIL Bid No. **EdCIL/DES/TRIPURA/2025** dated We, hereby, accept all the terms and conditions for submitting bid as mentioned in this Bid Document.

We hereby certify that no terms and conditions have been stipulated by us in the Financial Bid.

We warrant that the services do not violate or infringe upon any patent, copyright, trade secret or other property right of any other person or other entity. We agree that we shall not prevent EdCIL from any claim or demand, action or proceeding, directly or indirectly resulting from or arising out of any breach or alleged breach of any of the terms & conditions of bid document and contract.

The above document is executed on at (place) _____ and we accept that if anything out of the information provided by us is found wrong, our bid/ work order shall be liable for rejection.

Thanking you,

Yours faithfully,

Name of the Bidder _____
Authorized Signatory _____
Seal of the Organization _____

Date:
Place:

UNDERTAKING OF NON BLACKLISTING

This is to confirm that we M/s _____ (give full address) or any of our affiliated companies or subsidiaries have not been declared neither **failed to perform on any Agreement, nor have been expelled from any project or Agreement nor any Agreement terminated** for breach by the us (Agency) in any of the government department and public sector undertaking /enterprise or by any other Government Client in India, in last five year before release of advertisement.

If the above information found false at any stage after the placement of Work Order / Agreement, EdCIL (India) Limited (EdCIL), 18-A, Sector 16-A, Noida will have full right to cancel the Contact and forfeit the Performance Guarantee. All the direct and indirect cost related to the cancellation of the order will be borne by us besides any legal action by EdCIL which shall be deemed fit at that point of time.

Authorized Signatory

Note: *The undertaking regarding the non-blacklisting of firm is to be submitted on a non-judicial stamp paper of Rs. 100/- (Rupees Hundred only).*

Financial Statement

Sl. No.	Financial Year	Annual Turnover	Net Worth	Profitability
2.	2021-22			
3.	2022-23			
4.	2023-24			
Total				
Average of FY 2021-22, 2022-23 and 2023-24				

Note: Certificate from Statutory Auditor/ Chartered Accountant certifying balance sheet only for all three FY years to be attached.

Signature with Seal of the Chartered Accountant

Signature with Seal of the Bidder

ANNEXURE-VI

List of Orders Completed for Govt. Organizations / Autonomous Institutes in India

Bid No.:

Date:

Name of the Firm:

S.No	Name of Client	Name of the Project and brief description	Project Value	Date of award	Date of Completion	Current Status and duration of maintenance period for ongoing project	Name of Contact Person and other details
1.							
2.							
3.							
4.							
5.							
6.							

Signature of Bidder
(Signature with seal)

Name: _____

Designation: _____

Organization Name: _____

Contact No. : _____

Manufacturer's Authorization Form (MAF)
{to be filled by OEM}

To
Chief General Manager (DES),
EdCIL (India) Limited,
EdCIL House, 18A, Sector- 16A,
NOIDA- 201 301 (U.P)

Subject: OEM Authorization Letter for Request for Proposal (RFP) for Selection of System Integrator for "Designing, Delivery, Installation & Commissioning of TLM, TLM Park, Science & Maths Kits and other solutions across Government Schools of Tripura".

Dear Sir,

We, who are established and reputable having factories / development facilities at (address of factory / facility) do hereby authorize _____ to submit a Bid, and accept the Purchase Order against the above Bid Invitation.

We hereby extend our full guarantee and warranty for the Solution, Products and services offered by the above firm against this Bid Invitation. We further undertake that we will support the supplier will all related spares and maintenance during the entire contract period.

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

Yours faithfully,

Name:

Seal:

Note: This letter of authority should be on the letterhead of the OEM

Power of Attorney

Know all men by these presents, we..... (name of firm and address of the registered office) do hereby constitute, nominate appoint and authorize Mr./Ms..... son/daughter/wife of and presently residing at....., who is presently employed with /retained by us and holding position of.....as our true and lawful attorney

(hereinafter referred to as the "Authorized Representative") to do in our name and on our behalf, all such acts, deeds and things are as necessary or required in connection with or incidental to submission of our proposal for and selection as the <project title> for the <name of the client>.....project, proposed to be developed by the

..... (the "client") including but not limited to signing and submission of all applications, proposals and other documents and writings, participating in pre bid and other conferences and providing information /responses to the client, representing us in all matters before the Client, signing and execution of all contracts and undertakings consequent to acceptance of our proposal and generally dealing with the client in all matter in connection with or relating to or arising out of our Proposal for the said project /or upon award thereof to us till the entering into of the Agreement with the client.

AND, we do hereby agree to ratify and confirm all acts, deeds and things lawful done or caused to be done by our said Authorized Representative pursuant to and in exercise of the powers conferred by this power and Attorney and that all acts, and things done by our said Authorized Representative in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

[IN WITNESS WHEREOF WE.....THE ABOVE-NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON

THIS DAY OF 2025.

For (Name and registered address of client)

(Signature, name, designation, and address)

Witness:

1. (Signature, name and address)
2. (Signature, name and address)

Notarized

Accepted

.....

(Signature, name, designation, and address of the attorney)

Notes:

1. The mode of the execution of the power of Attorney shall be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants (s) and when it is so required the same should be under seal affixed in accordance with the required procedure.
2. Wherever required, the applicant should submit for verification the extract of the charter documents and other documents such as a resolution/Power of Attorney in favor of the person executing this Power of Attorney for delegation of power hereunder on behalf of the applicant.
3. For a Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power and Attorney is being issued. However, the Power of Attorney provided by the applicants from countries that have signed The Hague Legislation Convention, 1961 are not required to be legalized by the Indian Embassy it is carries a conforming Apostle certificate.

LETTER OF BID SUBMISSION

To
Chief General Manager (DES),
EdCIL (India) Limited,
EdCIL House, 18A, Sector- 16A,
NOIDA- 201 301 (U.P)

SUBJECT: “Selection of System Integrator for “Designing, Delivery, Installation & Commissioning of TLM, TLM Park, Science & Maths Kits and other solutions across Government Schools of Tripura”.

-Submission of Bid -

Sir,

Having examined the details given in Press Notice, Notice Inviting Bid & Bid Document for the above work, I/we hereby submit the relevant information.

1. I/We hereby certify that all the statements made and information supplied in the enclosed form _____ and accompanying statements are true and correct.
2. I / we certify that we have not changed/alterd any word/sentence or any figure in number/s or words appearing the original tender document uploaded by EdCIL on the designated web page for e-tendering. In case, if a fraudulent activity is found at any stage between tender submission to final closure of the tender/contract, our candidature/bid/contract shall be immediately cancelled and EMD/Performance security/ security deposit along with the due amount towards the work executed or advance shall be forfeited. EdCIL will not entertain any claim or entertain any reason for this intentional act. EdCIL may go for the legal action against the bidder for recovering any one or all damages caused to EdCIL or its client on this account.
3. I/We have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
4. I/We submit the requisite **certified solvency certificate** and authorize the EdCIL to approach the Bank issuing the solvency certificate to confirm the correctness thereof. I/We also authorize EdCIL to approach individuals, employers, firms and corporation to verify our competency and general reputation.
5. I/We submit the following **certificates** in support of our suitability, technical knowledge and capability for having successfully completed the following works:

S.No.	Name of Work	Certificate From

6. Earnest Money Deposit amounting to Rs. _____ in the form of DD/Pay Order No. ----- dated ----- issued by ----- Bank is submitted.
7. Demand Draft of Rs. (NIL)/- towards Bid document cost.: If applicable
Enclosures:

Date of Submission :

Bank Guarantee towards Bid Security (EMD)

Bank Guarantee No. _____

To,
Chief General Manager (DES)
EdCIL (India) Limited
EdCIL House, 18 A,
Sector-16 A NOIDA – 201301 (U.P.), India

Whereas (here in after called "the Bidder") has submitted its Bid dated(Date) in response to the RFP No:..... for "Selection of System Integrator for "Designing, Delivery, Installation & Commissioning of TLM, TLM Park, Science & Maths Kits and other solutions across Government Schools of Tripura".
(here in after called "the Bid")

KNOW ALL MEN by these presents that We having our registered office at..... (hereinafter called the "Bank") are bound onto EdCIL India Limited, Noida (hereinafter called "EdCIL") in the sum of for which payment well and truly to be made to the said EdCIL itself, its successors and assignees by these presents.

The conditions of these obligations are:

1. If the Bidder withdraws its Bid during the period of Bid validity or
2. If the Bidder, having been notified of the acceptance of its Bid by EdCIL

during the period of Bid validity:

1. fails or refuses to execute the Agreement form if required; or
 2. fails or refuses to furnish the performance security, in accordance with the Bid requirement
- We undertake to pay EdCIL up to the above amount upon receipt of its first written demand, without EdCIL having to substantiate its demand, provided that in its demand EdCIL 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 (Date) and any demand in respect thereof should reach the Bank not later than the above date.

Dated: the Day of for
(indicate the name of bank)

Signature of Banks Authorized official
Witness (Name) _____

Designation with Code No. -----

1. Full Address-----
- 2.

Name of the Bank: _____

To

**Chief General Manager (DES)
EdCIL (India) Limited
EdCIL House, 18 A, Sector-16 A
NOIDA – 201301 (U.P.)**

PERFORMANCE BANK GUARANTEE FORMAT

In consideration of the Chief General Manager EdCIL acting through _____ (Designation & address of Contract Signing Authority), (hereinafter called "The EdCIL (India) Ltd") having agreed under the terms and conditions of agreement/ Contract Acceptance letter No. _____

Dt : _____ Made between _____ (Designation & address of contract signing Authority) and _____ (here in after called "the said Agency" for the work _____ (here in after called "the said agreement") having agreed for submission of a irrevocable Bank Guarantee Bond for ₹ _____ (₹ _____ only) as a performance security Guarantee from the Agency for compliance of his obligations in accordance with the terms & conditions in the said agreement.

1. We _____ (Indicate the name of the Bank) hereinafter referred to as the Bank, undertake to pay to the EdCIL (India) Ltd an amount not exceeding ₹ _____ (₹ _____ only) on demand by the EdCIL (India) Ltd.

2. We _____ (Indicate the name of the bank, further agree that (and promise) to pay the amounts due and payable under this guarantee without any demur merely on a demand from the EdCIL (India) Ltd through the CGM(DES), EdCIL (India) Ltd, Noida or _____ (Designation & Address of contract signing authority), stating that the amount claimed is due by way of loss or damage caused to or would be caused or suffered by the EdCIL (India) Ltd by reason of any breach by the said Agency of any of the terms of conditions contained in the said agreement or by reason of the Agency failure to perform the said agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding ₹ _____ (₹ _____ Only).

3. (A) We _____ (indicate the name of Bank) further undertake to pay to the EdCIL (India) Ltd any money so demanded notwithstanding any dispute or dispute raised by the Agency in any suite or proceeding pending before any court or Tribunal relating to liability under this present being absolute and unequivocal.

(B) The payment so made by us under this Performance Guarantee shall be a valid discharge of our liability for payment there under and the Agency shall have no claim against us for making such payment.

4. We _____ (Indicate the name of bank) to further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the EdCIL (India) Ltd under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged by _____

(Designation & Address of contract signing authority) on behalf of the EdCIL (India) Ltd, certify that the terms and conditions of the said agreement have been fully and properly carried out by the said Agency and accordingly discharges this guarantee.

- 5 (a) Notwithstanding anything to the contrary contained herein the liability of the bank under this guarantee will remain in force and effect until such time as this guarantee is discharged in writing by the EdCIL (India) Ltd or until (date of validity/ extended validity) whichever is earlier and no claim shall be valid under this guarantee unless notice in writing thereof is given by the EdCIL (India) Ltd within validity/ extended period of validity of guarantee from the date aforesaid.

(b) Provided always that we _____ (indicate the name of the Bank) unconditionally undertakes to renew this guarantee or to extend the period of guarantee form year to year before the expiry of the period or the extended period of the guarantee, as the case shall be on being called upon to do so by the EdCIL (India) Ltd. If the guarantee is not renewed or the period extended on demand, we _____ (indicate the name of the Bank) shall pay the EdCIL (India) Ltd the full amount of guarantee on demand and without demur.

6. We _____ (indicate the name of Bank) further agree with the EdCIL (India) Ltd that the EdCIL (India) Ltd shall have the fullest liberty without our consent and without effecting in any manner out of obligations hereunder to vary any of the terms and conditions of the said contract from time to time or to postpone for any time or from time to time any to the powers exercisable by the EdCIL (India) Ltd against the said Agency and to forbear or enforce any of the terms and conditions of the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Agency for any bearance act or omission on the part of the EdCIL (India) Ltd or any indulgence by the EdCIL (India) Ltd to the said Agency for by any such matter or thing whatsoever under the law relating to sureties for the said reservation would relive us from the liability.

7. This guarantee will not be discharged by any change in the constitution of the Bank or the Agency.

8. We, _____ (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the EdCIL (India) Ltd in writing.

9. This guarantee shall be valid up to (Date of Completion plus 90 Days). Unless extended on demand by EdCIL (India) Ltd. Notwithstanding anything to the contrary contained hereinbefore, our liability under this guarantee is restricted to Rs..... (Rs.....only) unless a demand under this guarantee is made on us in writing on or before..... we shall be discharged from our liabilities under this guarantee thereafter.

Dated:	The	Day of	For
		(indicate the name of bank)	
		Signature of Banks Authorized official	
Witness		(Name)_____	
		Designation with Code No. -----	
1		Full Address-----	
2.			

PROFORMA PRE CONTRACT INTEGRITY PACT

GENERAL

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made on ___ day of the month of 2025, between, on one hand, acting through Shri/Smt. _____, Designation, EdCIL (India) Limited (hereinafter called the “BUYER”/ “EdCIL” interchangeably, which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Part

AND

M/s _____ represented by Shri _____, Chief Executive Officer (hereinafter called the “BIDDER/Seller” which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

WHEREAS the EdCIL proposes to procure services towards “Selection of System Integrator for “Designing, Delivery, Installation & Commissioning of TLM, TLM Park, Science & Maths Kits and other solutions across Government Schools of Tripura”.

For its clients and BIDDER/Seller is willing to offer the said services and related items as referred to in the Bid document No. **EdCIL/DES/TRIPURA/2025** Dated 2025.

WHEREAS the BIDDER is a private company /public company / Government undertaking / partnership / registered expert agency, constituted in accordance with the relevant law in the matter and the EdCIL is a Public Sector Undertaking under Ministry of Human Resource Development performing its functions.

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence / prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to:

Enabling the EdCIL to obtain the desired services as referred to in the Bid document No. **EdCIL/DES/TRIPURA/2025** dated2025 at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement and Enabling BIDDERS to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the EdCIL will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

1. Commitments of the EdCIL

- 1.1 The EdCIL undertakes that no official of the EdCIL, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favor or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.
 - 1.2 The BUYER will, during the pre-contract stage, treat all BIDDERS alike, and will provide to all BIDDERS the same information and will not provide any such information to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to other BIDDERS.
 - 1.3 All the officials of the EdCIL will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.
2. In case any such preceding misconduct on the part of such official(s) is reported by the BIDDER to the EdCIL with full and verifiable facts and the same is prima facie found to be correct by the EdCIL, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings shall be initiated by the EdCIL and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the EdCIL the proceedings under the contract would not be stalled.

3. **Commitments of Bidders**

The BIDDER commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:

- 3.1 The BIDDER will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the EdCIL, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.
- 3.2 The BIDDER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the EdCIL or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the Government for showing or forbearing to show favour or disfavor to any person in relation to the contract or any other contract with the Government.

- 3.3 Bidders shall disclose the name and address of agents and representatives and Indian BIDDERS shall disclose their foreign principals or associates.
- 3.4 BIDDERS shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid/contract.
- 3.5 The BIDDER further confirms and declares to the EdCIL that the BIDDER is the original manufacturer/integrator/authorized government sponsored export entity and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the EdCIL or any of its functionaries, whether officially or unofficially to the award to the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation, as the case shall be for satisfactory performance of the proposed terms of Bidder.
- 3.6 The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the EdCIL or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.
- 3.7 The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.
- 3.8 The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 3.9 The BIDDER shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the EdCIL as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.
- 3.10 The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- 3.11 The BIDDER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
- 3.12 If the BIDDER or any employee of the BIDDER or any person acting on behalf of the BIDDER, either directly or indirectly, is a relative of any of the officers of the EdCIL, or alternatively, if any relative of an officer of the EdCIL has financial interest / stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filing of Bid.

3.13 The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the EdCIL.

4. **PREVIOUS TRANSGRESSION**

4.1 The BIDDER declares that no previous transgression occurred in the last three years immediately before signing of this integrity pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify BIDDER's exclusion from the bid process.

4.2 The BIDDER agrees that if it makes incorrect statement on this subject. BIDDER can be disqualified from the Bid process or the contract, if already awarded, can be terminated for such reason.

5. **EARNEST MONEY DEPOSIT**

5.1 While submitting Technical bid, the BIDDER shall deposit an amount of _____ /- as Earnest Money with the EdCIL through Account Payee Bank Demand Draft/ BG in favor of EdCIL (India) Limited. The list of bank from where the EMD is acceptable is placed at annexure XV.

5.2 The instrument for Security Deposit made shall be valid up to the specified period and the bidder shall be liable to keep the said instrument valid for such extended period as the case shall be for satisfactory performance of the terms of Bidder above referred till the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and the EdCIL, including O&M period, whichever is later.

5.3 In case of the successful BIDDER a clause would also be incorporated in the Article pertaining of Performance Bond in the corresponding Contract governing such agreement that the provisions of Sanctions for Violation shall be applicable for encashment of Performance Bank Guarantee deposited towards forfeiture of said amount in case of a decision by the EdCIL to forfeit the same without assigning any reason for imposing such sanction.

5.4 No interest shall be payable by the EdCIL to the BIDDER on Earnest Money Deposit for the period of its currency.

6. **SANCTIONS FOR VIOLATIONS**

7.1 Any breach of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle the EdCIL to take all or any one of the following actions, wherever required:

- i. To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(s) would continue.
 - ii. The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit / Performance Bond (Bank Guarantee) (after the contract is signed) shall stand forfeited either fully or partially, as decided by the EdCIL and the BUYER (EdCIL) shall not be required to assign any reason therefore.
 - iii. To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.
 - iv. To recover all sums already paid by the EdCIL, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR as the case shall be. If any outstanding payment is due to the BIDDER from the EdCIL in connection with any other contract for any other stores or on any account whatsoever and by whatsoever name called, such outstanding payment could also be utilized to recover the aforesaid sum and interest thereto.
 - v. To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the EdCIL, along with interest.
 - vi. To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the EdCIL resulting from such cancellation/rescission and the EdCIL shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.
 - vii. To debar the BIDDER from participating in future bidding processes of the Government of India for a minimum period of five years, which shall be further extended at the discretion of the EdCIL.
 - viii. To recover all sums paid in violation of this Pact by BIDDER(s) to any middleman or agent or broker with a view to securing the contract.
 - ix. In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the EdCIL with the BIDDER, the same shall not be opened.
 - x. Forfeiture by way of encashment of Performance Bond in case of a decision by the EdCIL to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.
- 6.2 The EdCIL will be entitled to take all or any of the actions mentioned at Para 6.1(i) to (x) of this Pact also on the Commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of any offence as defined in Chapter IX of the Indian Penal code, 1860

or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.

- 6.3 The decision of the EdCIL to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, an Independent Monitor(s) shall be appointed by EdCIL, in case of breach of the provisions of the pact.

7. INDEPENDENT MONITORS

- 1.1 An Independent monitor (s) shall be appointed by EdCIL, in case of breach of the provisions of the pact.
- 1.2 The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.
- 1.3 The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.
- 1.4 Both the parties accept that the Monitors have the right to access all the documents relating to the project / procurement, including minutes of meetings.
- 1.5 As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he will so inform the Authority designated by the EdCIL.
- 1.6 The BIDDER(s) accept that the Monitor has the right to access without restriction to all Project documentation of the EdCIL including that provided by the BIDDER. The BIDDER will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Sub-bidders. The Monitor shall be under contractual obligation to treat the information and documents of the BIDDER/Sub-bidder(s) with confidentiality.
- 1.7 The EdCIL will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the parties. The parties will offer to the Monitor the option to participate in such meetings.
- 1.8 The Monitor will submit a written report to the designated Authority of BUYER/Secretary in the Department/within 8 to 10 weeks from the date of reference or intimation to him by the EdCIL / BIDDER and, shall the occasion arise, submit proposals for correcting problematic situations.

2. FACILITATION OF INVESTIGATION

In case of any allegation of violation of any provisions of this Pact or payment of commission, the EdCIL or its agencies shall be entitled to examine all the documents

including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

3. LAW AND PLACE OF JURISDICTION

This Pact is subject to Indian Law. The place of performance and jurisdiction is the seat of the EdCIL.

4. OTHER LEGAL ACTIONS

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that shall follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

5. VALIDITY

5.1 The validity of this Integrity Pact shall be governed by the terms of the Bid No. **EdCIL/DES/TRIPURA/2025** towards complete execution of the contract to the satisfaction of both the EdCIL and the BIDDER/Seller, including O&M period, whichever is later. In case BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract awarding the Bidder with successful bidder.

5.2 Shall one or several provisions of this Pact turn out to be invalid; the remainder of this Pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intentions.

6. The parties hereby sign this Integrity Pact at _____ on _____.

EdCIL (India) Limited
Name of the Officer :
Designation:

BIDDER
CHIEF EXECUTIVE OFFICER

Witness:

Witness:

1. _____

2. _____

(The Pre-Contract Integrity Pact shall be modified based in line with the conditions of the Bid Documents)

Contract Form

THIS AGREEMENT made the day of 2025 between EdCIL(Hereinafter called "the Purchaser") of the one part and (Name & address of Supplier) (Hereinafter called "the Supplier") of the other part:

WHEREAS the Purchase is desirous that certain Goods and ancillary services viz. (Brief Description of Goods and Services) and has accepted a bid by the Supplier for the supply of those goods and services in the sum of (Contract Prize in words and 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 constructed as part of this Agreement, viz.,
[a] The Price Schedule submitted by the Bidder;
[b] The Schedule of Requirements;
[c] The Terms & Conditions
[d] The EdCIL's Notification of Award/ Purchase Order
3. In consideration of the payments to be made by the EdCIL to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the EdCIL to provide the goods and services and to remedy defects herein in conformity in all respects with the provisions of the Contract.
4. The EdCIL hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract prices or such other sum as shall become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Brief particulars of the goods and services, which shall be supplied/ provided by the Supplier, are as under:

S. No.	Brief Description of Goods & Services	Quantity to be supplied	Unit Price	Total Price	Delivery Terms

TOTAL VALUE:

DELIVERY SCHEDULE:

IN WITNESS where of the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the
said (For the EdCIL)

in the presence of

Signed, Sealed and Delivered by the
said (For the Supplier) in the presence of

FORM – A
DELIVERY CERTIFICATE

The items mentioned as per details given below, have been physically verified by way of opening the cartons/packing and verifying the machine/ equipment supplied and model of the Equipment/Items. It is certified and acknowledged that the same have been received at this Institution in good condition.

Sl. No.	Address	School Name	Description of Equipment	Serial No of Device	Make	Model	Quantity
1							

Please make appropriate column, as per requirement.

The items as per details given below was/were received in damaged conditions and therefore are not acceptable. This damaged goods / equipment have been returned to the supplier and supplier is required to supply the new equipment in lieu of damaged one.

Details of the Goods/Equipment received in objectionable condition

Sl. No.	Address	School Name	Description of Equipment	Serial No of Device	Make	Model	Quantity
1							

Signature of School Representative

Name: _____

Designation: _____

Date: _____

Rubber Seal: _____

LIST OF AUTHORISED BANKS FOR BG

Any Guarantee issued by PSU Bank (or) Private Bank operating in India must be operational and invocable in Noida only. For Guarantee to be operational in Noida the issuing bank must designate a specified Bank Branch in Noida.

Following banks are permissible for accepting Bank Guarantees:

I- SCHEDULED PUBLIC SECTOR BANKS

S.No.	Name of the Bank
1	Bank of Baroda
2	Bank of India
3	Bank of Maharashtra
4	Canara Bank
5	Central Bank of India
6	Indian Bank
7	Indian Overseas Bank
8	Punjab & Sind Bank
9	Punjab National Bank
10	State Bank of India
11	UCO Bank
12	Union Bank of India

II- SCHEDULED PRIVATE SECTOR BANKS

S.No.	Name of the Bank
1	HDFC Bank Ltd
2	ICICI Bank Ltd
3	Axis Bank Ltd
4	Kotak Mahindra Bank Ltd
5	Indusland Bank Ltd

EQUIPMENT SPECIFICATION COMPLIANCE

COMPLIANCE STATEMENT FORM

- a) Bidders shall respond to basic sections of this tender clause by clause/Clauses, using a compliance summary statement, the sample format of which is given below. This shall be in sequential order, the same as is given in this specification.

S.No.	Technical specification of each line items as per Scope of work	Compliance statement	Description
		Put Comply or not comply	Explain how the offered good is complaint or not compliant with the requirement of the technical specification attached (if the bidder does not mention justification for compliance, it might be considered as non-compliant)

- b) If no compliance is stated for a clause, the good will be assumed not to comply with that particular specification item, contract and standard commercial terms and Conditions
- c) For purpose of compliance verification, a document and page number cross-reference should be given (where applicable) in the reference column of the compliance summary statement.
- d) The supplier may include other relevant documentation by indicating a page number of document. It is mandatory to include detailed technical documentation, covering specification and quality performance of goods to be offered.
- e) Any clause marked with “comply” in the bidders’ compliance summary statement is binding on the successful bidder to supply goods that meet the requirements of that clause. This shall apply for the lifetime of any awarded contract.

Pre-Bid Query Format

Pre-bid queries should be submitted in .XLS format.

RFP Description				
RFP No.				
Organization				
Address				
Contact Person				
Contact No.				
Mail Id				
S.No.	Section No.	Page No.	Clause as per RFP	Clarification Sought

PERFORMA FOR DECLARATION ON PROCEEDINGS UNDER INSOLVENCY AND BANKRUPTCY CODE, 2016

Tender No. :

Name of Work :

Bidder 's Name :

I/ We, M/s. _____ declare that:-

- a) I /We am / are not undergoing insolvency resolution Process or liquidation or bankruptcy proceeding as on date.
- b) I /We am / are undergoing insolvency resolution process or liquidation or bankruptcy proceeding as on date as per Details mentioned below. (Attached detail with technical bid)

Note: Strike out one of above which is not applicable.

It is understood that if this declaration is found to be false, EdCIL (India) Ltd. shall have the right to reject my / our bid, and forfeit the EMD, if the bid has resulted in a contract, the contract will be liable for termination without prejudice to any other right or remedy (including holiday listing) available to EdCIL (India) Ltd.

Place:_____

Date:_____

Signature of Bidder: _____

Name of Signatory:_____

(On Bidder's Letter Head)

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. (Where applicable, evidence of valid registration by the Competent Authority shall be attached.)

Place: _____

Date: _____

Signature of Bidder: _____

Name of Signatory: _____

Instructions to Bidders

1. Financial Bid shall be submitted with full price details. Financial Bid shall contain only the prices duly filled in as per the format given in Schedule of Rates provided in the tender document. Price bid should not have any Commercial and/or Technical stipulation in addition to, what is already given in Part I – Technical bid.
2. Financial Bid Standard Form-1 shall be used for the preparation of the price quote according to the instructions provided.
3. The bid shall be evaluated as detailed in “Evaluation of financial bid” in chapter VI.
4. The prices quoted by the bidder shall be fixed for the quantity mentioned for the duration of the contract.
5. The changes displayed in the corrigendum/addendum to the bid documents, particularly with the financial bid should be attached with the **Financial Bid Submission Form**, in the same packet, duly signed and stamped by the authorized signatory of the Bidder firm.
6. The financial bid submission form should be filled in all respect and uploaded in **.PDF** format (only) should be duly signed and sealed by the authorized representative. The form 1 should be filled in all respect and uploaded in **.XLS** format (only). In case, the financial bid documents are not complete in all respect the same should be treated as incomplete at financial bid stage and shall be considered non-responsive. The technical bid should not contain any financial terms and pricing.
7. In case, the Bidder/s does not quote for all the items, the Bid shall be treated as incomplete and shall be rejected summarily.
8. The prices must be quoted in the Performa given in financial Bid, failing which the Bid would be treated as unresponsive. Any discount or any other offers affecting the package price must be mentioned in Financial Bid only. Discount or any other offers

affecting the Package price mentioned at any other place of the bid other than Financial Bid will not be considered.

- 9.** Price quoted by the bidder is including all transportation and installation etc. cost (if any).
- 10.** The bidder should quote for all components of the solution(s) in accordance to the pre-qualification and technical qualification criteria.

PART II - FINANCIAL BID

Annexure XX

Financial bid submission form

To

**Chief General Manager (DES)
EdCIL (India) Limited
EdCIL House, 18 A, Sector-16 A
NOIDA – 201301 (U.P.)**

Dated: ___/___/2025

Dear Sir,

We, the undersigned, offer to provide “Selection of System Integrator for “Designing, Delivery, Installation & Commissioning of TLM, TLM Park, Science & Maths Kits and other solutions across Government Schools of Tripura” in accordance with your request for proposal dated ___/___/2025.

Our attached Financial Bid for Selection of System Integrator for “Designing, Delivery, Installation & Commissioning of TLM, TLM Park, Science & Maths Kits and other solutions across Government Schools of Tripura” is for the amount of _____ *[Indicate the corresponding to the amount(s), currency (ies) {Insert amount(s) in words and figures}]*.

Please note that all amounts shall be the same as in Form-1. Our Financial Bid shall be binding upon by us subject to the modifications resulting from Contract negotiations, if any, up to expiration of the validity period of the Proposal.

Yours sincerely,

Authorized Signature {In full and initials}:

Name and Title of Signatory:

In the capacity of:

Address:

E-mail

FORM: 1

Subject: "Selection of System Integrator for "Designing, Delivery, Installation & Commissioning of TLM, TLM Park, Science & Maths Kits and other solutions across Government Schools of Tripura".

Name of the Owner Individual/ Firm:

Solution 1: TLM for Implementation of Innovative Pedagogies

S.No.	Name of the Item	Qty (A)	UOM	Unit Cost (B)	GST (%)	GST (in Rs.) (C)	Total Unit Cost, D=B+C	Total Cost =A*D (In Rs.)
1	TAMBOURINE	1	Nos					
2	BIG BALL	1	Nos					
3	BOWLING SET	1	set					
4	BEADS WITH BIG HOLES AND STRING	1	set					
5	PUZZLES OF HUMAN BODY PARTS	1	set					
6	JUNIOR ABACUS	1	Nos					
7	COLOUR SERIATION CARDS.	16	Nos					
8	KITCHEN SET	1	set					
9	HAND GLOVES PUPPETS	2	Nos					
10	FOLDING BAG	1	Nos					
11	PUZZLES OF ANIMALS	1	set					
12	PLACE VALUE CARDS	1	set					
13	DUMMY CURRENCY	1	set					
14	STORY BOOKS	2	story Sets					
15	DRAWING SKILL CHART	3	Nos					
16	FUN MASK	3	Nos					
17	FLASH CARDS (WORD AND PICTURE)	60	Nos					
18	SKILL MATCHING GAME	1	Nos					

19	3D ACTIVITY BLOCKS	200	Nos						
20	SCISSORS	5	Nos						
21	CLASSIFICATION FLASHCARDS	48	Cards						
22	JOKER FLASH CARD	9	Cards						
23	PRE-NUMBER CONCEPT CARDS	25	Cards						
24	MAGNETIC ALPHABETS	26	Nos						
25	MAGNETIC NUMBER	10	Nos						
26	PUZZLE MAP OF INDIA	01	Nos						
27	MAGNETIC BOARD	1	Nos						
28	MEDICAL KIT	1	Set						
29	JIGSAW PUZZLES	6	set						
30	NUMBER DOMINO CARDS	28	cards						
31	SEQUENTIAL THINKING CARDS	16	cards						
32	MEMORY CARDS	10	cards						
33	KIT MANUAL	1	book						
34	DECORATIVE BOX	1	Nos						
35	AR CARDS	1	Nos						
36	AR UNIVERSE CHART	1	Nos						
37	AR SUN CHART	1	Nos						
38	AR MOON CHART	1	Nos						
Total for Solution 1 (Incl. GST)									

Solution 2 - TLM Park Elementary

S.No.	Name of the Item	Qty (A)	UOM	Unit Cost (B)	GST (%)	GST (in Rs.) (C)	Total Unit Cost, D=B+C	Total Cost =A*D (In Rs.)
1	PYTHAGORAS THEOREM 1	1	Nos					
2	$(a + b + c)^2$	1	Nos					
3	$(a + b)^2 - (a - b)^2 = 4ab$	1	Nos					
4	$(a + b)^2$, $(a - b)^2$, and $a^2 - b^2$	1	Nos					

5	PARALLELOGRAM	1	Nos					
6	SET OF TRIANGLES	1	Nos					
7	SUM OF ANGLES OF A QUADRILATERAL	1	Nos					
8	FRACTION BAR	1	Nos					
9	INTEGERS	1	Nos					
10	NEWTON COLOUR DISC	1	Nos					
11	NEWTON 2ND LAW	1	Nos					
12	NEWTON 3RD LAW	1	Nos					
13	FLOATING PLATE	1	Nos					
14	BAKING SODA	1	Nos					
15	GREEN GLOW POWDER	1	Nos					
16	GLOW POWDER AQUA	1	Nos					
17	MDF CIRCLE	1	Nos					
18	GLOW STICKS	3	Nos					
19	BEAKER	1	Nos					
20	DROPPER	1	Nos					
21	CONTAINER	1	Nos					
22	FLUORESCENT DYE	1	Nos					
23	CELL	2	Nos					
24	FOAM CUTOUTS	1	Nos					
25	LED	4	Nos					
26	T CONNECTOR	20	Nos					
27	1 X 3 (2 WAY FREE CONNECTOR)	4	Nos					
28	3X1 PLUS CONNECTOR	1	Nos					
29	5 X 1 BRICK - A	10	Nos					
30	5 X 1 BRICK - B	1	Nos					
31	7 X 1 BRICK	6	Nos					
32	WHEEL WITH RUBBER GRIP	4	Nos					
33	SHAFT - B	2	Nos					
34	DISSEMBLING TOOL	1	Nos					
35	11 X 7 BRICK BOARD	2	Nos					

36	JOINER (PLANE)	3	Nos					
37	RIGHT ANGLE CONNECTOR	4	Nos					
38	AR NCERT MANUAL	1	Nos					
39	AR INTERACTIVE CHARTS APP	1	Nos					
40	PHYSICS INTERACTIVE CHARTS	1	Nos					
41	CHEMISTRY INTERACTIVE CHARTS	1	Nos					
42	BIOLOGY INTERACTIVE CHARTS	1	Nos					
43	EASY CIRCUIT LEARNING KIT	1	Nos					
44	DOUBLE CONCAVE LENS	2	Nos					
45	DOUBLE CONVEX LENS	2	Nos					
Total for Solution 2 (Incl. GST)								

Solution 3 - TLM Park Secondary

S.N o.	Name of the Item	Qty (A)	UOM	Unit Cost (B)	GST (%)	GST (in Rs.) (C)	Total Unit Cost, D=B+C	Total Cost =A*D (In Rs.)
1	PYTHAGORAS THEOREM 2	1	Nos					
2	MAGNET SET	1	Nos					
3	MAGNETIC MOTION	1	Nos					
4	GRAVITY CAR	1	Nos					
5	FLOATING PLATE	1	Nos					
6	BAKING SODA	1	Nos					
7	GREEN GLOW POWDER	1	Nos					
8	GLYCERINE FLAKES	1	Nos					
9	BRIGHTENER	1	Nos					
10	GLOW POWDER AQUA	1	Nos					
11	PAPER CLIP	2	Nos					
12	PLASTIC BUTTONS	2	Nos					
13	PLASTIC PIPE	1	Nos					

14	MDF CIRCLE	1	Nos					
15	PLASTIC SPOON	1	Nos					
16	GLOW STICKS	3	Nos					
17	BEAKER	1	Nos					
18	WOODEN STICK	1	Nos					
19	DROPPER	1	Nos					
20	CONTAINER	1	Nos					
21	FLUORESCENT DYE	1	Nos					
22	VINEGAR	1	Nos					
23	CELL	2	Nos					
24	FOAM CUTOUTS	1	Nos					
25	LED	4	Nos					
26	CHEMISTRY WORK STATION	1	Nos					
27	ELECTROPLATING KIT	1	Nos					
28	ELECTROLYSIS OF WATER	1	Nos					
29	TANGRAM PUZZLES	1	Nos					
30	2 PIECE CONNECTOR	28	Nos					
31	3 PIECE CONNECTOR	15	Nos					
32	HOLLOW SPACER	18	Nos					
33	SPUR GEAR 1	4	Nos					
34	SPUR GEAR 2	4	Nos					
35	7 X 5 X 7 U SHAPE BRICK	4	Nos					
36	13 X 5 X 13 U SHAPE BRICK	2	Nos					
37	GEAR BOX WITH MOTOR WITH BATTERY HOLDER - A	1	Nos					
38	SHAFT - C	3	Nos					
39	SCREW SHAFT	1	Nos					
40	ZIG ZAG CONNECTOR	3	Nos					
41	PULLEY	1	Nos					
42	IDLER GEAR	2	Nos					

43	SOLAR AFFILIATED LED LIGHT	1	Nos					
44	NCERT AR APPLICATION	1	Nos					
Total for Solution 3 (Incl. GST)								

Solution 4 - Learning Enhancement Program (LEP) Elementary

S.No.	Name of the Item	Qty (A)	UOM	Unit Cost (B)	GST (%)	GST (in Rs.) (C)	Total Unit Cost, D=B+C	Total Cost =A*D (In Rs.)
1	Map Stencils India	1	Nos					
2	Map Stencils World	1	Nos					
3	Magnetic Compass	1	Nos					
4	Soil Kits	1	Nos					
5	Different Rock Set	1	Nos					
6	Coin Set	1	Nos					
7	2-piece connector	15	Nos					
8	3-piece connector	10	Nos					
9	Shaft – a	2	Nos					
10	Shaft – b	2	Nos					
11	Suspension spring	2	Nos					
12	Spoiler	1	Nos					
13	Mudguards	2	Nos					
14	Wheels	4	Nos					
15	Manual (Storybook)	1	Nos					
16	Training of teacher for 3 days	1	Per school					
Total for Solution 4 (Incl. GST)								

Solution 5 - Learning Enhancement Program (LEP) Senior & S. Secondary

S.No.	Name of the Item	Qty (A)	UOM	Unit Cost (B)	GST (%)	GST (in Rs.) (C)	Total Unit Cost, D=B+C	Total Cost =A*D (In Rs.)
1	Washable Vinyl Mat Foldable Sheet	1	Nos					
2	Algebra Identities (5mm)	1	Nos					
3	Full Protractor 12.5cm	4	Nos					
4	Half Protractor 12.5cm	4	Nos					

5	Fly Nut	15	Nos					
6	Cut Outs of Counters Set of 40 Piece	1	Nos					
7	Geo Sticks	4	Nos					
8	Light Emitting Diode (LED)	2	Nos					
9	Double Concave lens	1	Nos					
10	Double Convex lens	1	Nos					
11	Concave Mirror	1	Nos					
12	Convex Mirror	1	Nos					
13	Magnifying glass	1	Nos					
14	Spring balance	1	Nos					
15	Sun dial	1	Nos					
16	Pencil Cell	2	Nos					
17	Jumper Cable	10	Nos					
18	Molecular Model Kit	1	Nos					
19	Periodic Table	1	Nos					
20	Floating Magnet	1	Nos					
21	Congruent Triangles	1	Nos					
22	Training of teacher for 3 days	1	Per school					
Total for Solution 5 (Incl. GST)								

Solution 6 - Youth & Eco Clubs (Elementary- JB)

S.No.	Name of the Item	Qty (A)	UOM	Unit Cost (B)	GST (%)	GST (in Rs.) (C)	Total Unit Cost, D=B+C	Total Cost =A*D (In Rs.)
1	ENVIRONMENTAL AWARENESS AND TREE PLANTATION & KITCHEN GARDENING	1	Per School					
Total for Solution 6 (Incl. GST)								

Solution 7 - Youth & Eco Clubs (Elementary- SB)

S.No.	Name of the Item	Qty (A)	UOM	Unit Cost (B)	GST (%)	GST (in Rs.) (C)	Total Unit Cost, D=B+C	Total Cost =A*D (In Rs.)
1	ENVIRONMENTAL AWARENESS AND TREE PLANTATION & KITCHEN GARDENING	1	Per School					
Total for Solution 7 (Incl. GST)								

Solution 8: Science and Math Kits – Elementary

S.No.	Name of the Item	Qty (A)	UOM	Unit Cost (B)	GST (%)	GST (in Rs.) (C)	Total Unit Cost, D=B+C	Total Cost =A*D (In Rs.)
1	SPRING BALANCE	5	Nos					
2	MAGNETIC COMPASS	5	Nos					
3	FULL PROTRACTOR	10	Nos					
4	TUNING FORK AND RUBBER PAD	2	Nos					
5	U-SHAPE MAGNET	1	Nos					
7	SPIRIT LAMP	2	Nos					
8	TRIPOD STAND	2	Nos					
9	LABORATORY STAND 1) BOSS HEAD 2) CLAMP 3) G CLAMP	1	Nos					
10	TEST TUBE STAND	4	Nos					
12	WASH BOTTLE	4	Nos					
13	FORCEPS	2	Nos					
15	TEST TUBE HOLDER	1	Nos					
16	PLAIN MIRROR STRIP	2	Nos					
19	GLASS DROPPER WITH RUBBER BULB	2	Nos					
20	TRANSPARENT PVC PLASTIC TUBE WITH STOPPERS	1	Nos					

21	FILTER PAPER	10	Nos					
22	PITH/ PLASTIC BALL	1	Nos					
23	MIRROR/LENS STAND	1	Nos					
25	PLUG KEY	1	Nos					
26	BLOTTING PAPER	10	Nos					
27	CROCODILE CLIPS	10	Nos					
28	PAIR OF TONGS	1	Nos					
29	SURGICAL SCISSORS	1	Nos					
30	SCREW DRIVER	1	Nos					
31	CLAW HAMMER WITH HANDLE	1	Nos					
32	CAPILLARY TUBE	1	Nos					
33	MAGNIFYING GLASS	1	Nos					
34	BEAKER (50ML)	1	Nos					
35	MICRO BEAKER 10ML	2	Nos					
36	GLASS TUBE	1	Nos					
38	MEASURING FLASK	1	Nos					
39	ROUND BOTTOM FLASK	1	Nos					
40	SHAVING BLADE	2	Nos					
41	DOUBLE CONCAVE LENS	2	Nos					
42	DOUBLE CONVEX LENS	2	Nos					
43	CONCAVE MIRROR	2	Nos					
44	CONVEX MIRROR	2	Nos					
45	TRIANGULAR GLASS PRISM	1	Nos					
46	LABORATORY THERMOMETER	1	Nos					
47	PLASTIC BOXES	2	Nos					
49	U-TUBE (GLASS/PLASTIC)	1	Nos					
50	RUBBER TUBE	1	Nos					
51	DIGITAL STOP CLOCK	1	Nos					

52	TORCH BULB WITH HOLDER	2	Nos					
53	MEASURING PAN WITH HOLDER	1	Nos					
55	KNIFE/CUTTER	5	Nos					
60	3D TRANSPARENT BIG CUBOID	1	Nos					
61	3D TRANSPARENT CONE	1	Nos					
63	3D TRANSPARENT SPHERE	1	Nos					
64	ANGLE SUM PROPERTY OF QUADRILATERAL	1	Nos					
65	GEO BOARD	2	Nos					
Total for Solution 8 (Incl. GST)								

Solution 9 - Science and Math Kits - Sr. & Sr. Secondary

S.No.	Name of the Item	Qty (A)	UOM	Unit Cost (B)	GST (%)	GST (in Rs.) (C)	Total Unit Cost, D=B+C	Total Cost =A*D (In Rs.)
1	SPRING BALANCE	2	Nos					
2	MAGNETIC COMPASS	1	Nos					
3	FULL PROTRACTOR	5	Nos					
4	TUNING FORK AND RUBBER PAD	1	Nos					
5	U-SHAPE MAGNET	1	Nos					
7	SPIRIT LAMP	2	Nos					
8	TRIPOD STAND	2	Nos					
9	LABORATORY STAND 1) BOSS HEAD 2) CLAMP 3) G CLAMP	1	Nos					
10	TEST TUBE STAND	4	Nos					
11	CHINA DISH	2	Nos					
12	WASH BOTTLE	2	Nos					
13	FORCEPS	2	Nos					
14	TEST TUBE BRUSH	2	Nos					
15	TEST TUBE HOLDER	1	Nos					

16	PLAIN MIRROR STRIP	10	Nos					
17	SAND PAPER	5	Nos					
18	TRANSPARENT STIFF PLASTIC TUBE	1	Nos					
19	GLASS DROPPER WITH RUBBER BULB	2	Nos					
20	TRANSPARENT PVC PLASTIC TUBE WITH STOPPERS	1	Nos					
21	FILTER PAPER	10	Nos					
22	PITH/ PLASTIC BALL	1	Nos					
25	PLUG KEY	1	Nos					
27	CROCODILE CLIPS	5	Nos					
28	PAIR OF TONGS	1	Nos					
29	SURGICAL SCISSORS	1	Nos					
30	SCREW DRIVER	1	Nos					
31	CLAW HAMMER WITH HANDLE	1	Nos					
32	CAPILLARY TUBE	1	Nos					
33	MAGNIFYING GLASS	1	Nos					
34	BEAKER (50ML)	1	Nos					
35	MICRO BEAKER 10ML	2	Nos					
36	GLASS TUBE	1	Nos					
37	W-TUBE	4	Nos					
38	MEASURING FLASK	1	Nos					
39	ROUND BOTTOM FLASK	1	Nos					
40	SHAVING BLADE	5	Nos					
41	DOUBLE CONCAVE LENS	1	Nos					
42	DOUBLE CONVEX LENS	1	Nos					
43	CONCAVE MIRROR	1	Nos					
44	CONVEX MIRROR	1	Nos					

45	TRIANGULAR GLASS PRISM	1	Nos					
46	LABORATORY THERMOMETER	1	Nos					
47	PLASTIC BOXES	2	Nos					
48	OVERFLOW CAN	1	Nos					
49	U-TUBE (GLASS/PLASTIC)	1	Nos					
50	RUBBER TUBE	1	Nos					
51	DIGITAL STOP CLOCK	1	Nos					
52	TORCH BULB WITH HOLDER	2	Nos					
53	MEASURING PAN WITH HOLDER	1	Nos					
55	KNIFE/CUTTER	1	Nos					
56	SPLIT CORK	1	Nos					
57	PLANO CONCAVE LENS	2	Nos					
60	2 PIECE CONNECTOR	18	Nos					
61	3 PIECE CONNECTOR	14	Nos					
62	HOLLOW SPACER	15	Nos					
63	T CONNECTOR	10	Nos					
64	1 X 3 (2 WAY FREE CONNECTOR)	4	Nos					
65	SHAFT - A	3	Nos					
66	SHAFT - B	2	Nos					
67	DISSEMBLING TOOL	1	Nos					
69	SPUR GEAR 1	6	Nos					
70	SPUR GEAR 2	2	Nos					
71	GEARBOX WITH MOTOR WITH BATTERY HOLDER - A	1	Nos					
72	SHAFT - C	3	Nos					
73	IDLER GEAR	2	Nos					
75	AREA OF PARALLELOGRAM	1	Nos					
76	AREA OF TRAPEZIUM	1	Nos					
Total for Solution 9 (Incl. GST)								

Solution 10 - Youth & Eco Clubs -Secondary

S.No.	Name of the Item	Qty (A)	UOM	Unit Cost (B)	GST (%)	GST (in Rs.) (C)	Total Unit Cost, D=B+C	Total Cost =A*D (In Rs.)
1	ENVIRONMENTAL AWARENESS AND TREE PLANTATION & KITCHEN GARDENING	1	Per School					
Total for Solution 10 (Incl. GST)								

SUMMARY

S.No.	Particulars	Quantity, Q	Cost of Each Solution, A (In Rs.)	Total Cost of Solution, = A*Q (In Rs.)
1	SOLUTION 1	4409		
2	SOLUTION 2	254		
3	SOLUTION 3	124		
4	SOLUTION 4	3320		
5	SOLUTION 5	3997		
6	SOLUTION 6	2100		
7	SOLUTION 7	1095		
8	SOLUTION 8	669		
9	SOLUTION 9	607		
10	SOLUTION 10	1023		
TOTAL PROJECT COST (Incl. GST)				

Note:

- The above prices shall be inclusive of all taxes, delivery charges and installation charges at the schools.
- Detailed School List will be provided to the Successful Bidder.
- Applicable deduction on payment will be made for TDS/GST.
- Validity of Offer: The offer should remain valid at least for a period of 180 days to be reckoned from the date of bid opening.
- All other incidental charges relating to transportation of equipments at the site are included in the above prices.
- No amount towards TA / DA and lodging, boarding or incidental to execution of the project shall be paid.
- The bidder who is Lowest in total cost shall be declared as L1 bidder.
- The Bidder who is quoting has to mandatorily quote for each of the solution . Otherwise, the bid shall be summarily rejected.

Place:

Date:

Signature and Stamp of the Bidder

Name:

Designation:

Annexure XXI

S.No.	Particulars	MAF TO BE SUBMITTED
1	SOLUTION 1	YES
2	SOLUTION 2	YES
3	SOLUTION 3	YES
4	SOLUTION 4	NO
5	SOLUTION 5	NO
6	SOLUTION 6	NO
7	SOLUTION 7	NO
8	SOLUTION 8	YES
9	SOLUTION 9	YES
10	SOLUTION 10	NO