

TENDER DOCUMENT

FOR RATE CONTRACT
for
Open, e-tender, Two packet, QCBS system-based
invitation
for Selection of Agency
for
Setting-up of Integrated Innovation Hub

NIT NO: EdCIL/EIS & EPS/PROC/2026-27/Innovation Hub
Date: 30.07.2026

PART-I- TECHNICAL BID



EdCIL (India) Limited
(A Govt. of India Mini Ratna Enterprises)
'EdCIL House', Plot No. 18A, Sector- 16A
NOIDA – 201301 (UP), INDIA

This document is serially numbered from page number 01 to 63.

DISCLAIMER

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

This TENDER is not an Agreement and is neither an offer nor invitation by the Authority to the prospective Bidders or any other person. The purpose of this TENDER is to provide interested parties with information that may be useful to them in making their financial offers (BIDs) pursuant to this TENDER. This TENDER includes statements, which reflect various assumptions and assessments arrived at by the Authority in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This TENDER may not be appropriate for all persons, and it is not possible for the Authority, its employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this TENDER. The assumptions, assessments, statements and information contained in the Bidding Documents, especially the Feasibility Report, 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 TENDER and obtain independent advice from appropriate sources.

Information provided in this TENDER 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 Authority accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

The Authority, 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 TENDER or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the TENDER and any assessment, assumption, statement or information contained therein or deemed to form part of this TENDER or arising in any way for participation in this BID Stage.

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

The issue of this TENDER does not imply that the Authority is bound to select a Bidder or to appoint the Selected Bidder, as the case may be, for the Project and the Authority 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 the Authority, 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 the Authority 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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CHAPTER-I

**EdCIL (INDIA) LTD
(A GOVT. OF INDIA MINI RATNA ENTERPRISE)
SECTOR 16A, NOIDA**

**NOTICE INVITING TENDER
(e-Tendering mode)**

NIT No.: EdCIL/EIS & EPS/PROC/2026-27/Innovation Hub

Dated: 30.07.2026

1. EdCIL (India) Limited intends to invite bids for “**Open, e-tender, Two packet, QCBS system-based invitation for Selection of Agency for Setting-up of Integrated Innovation Hub on Rate Contract**”.
2. EdCIL is willing to setting up of Integrated Science, Maths & Technology Labs and other educational lab projects for various clients Pan India for improving the learning outcome of the students in terms of NEP 2020. This NIT has been released to select an agency for a period of **Three years (extendable for one more year)** for execution of the project, in case of award of work to EdCIL by various clients in India. Separate work orders on accepted rate contract will be issued for each project based on client’s terms & conditions.
3. The intended experienced agencies/firms are invited to submit online bids. The prospective bidders are required to submit their bids with most competitive techno-commercial offer. The NIT document is available on EdCIL website (<https://www.edcilindia.co.in/Etenders>) and E-Tender Wizard Portal (<http://www.tenderwizard.com>).
4. The broad details are highlighted below:

Name of work	Setting-up of Integrated Innovation Hub
Earnest Money Deposit	Rs. 10,00,000/- (Rs. Ten Lakh Only) in form of Demand Draft or Bank Guarantee (BG) from Nationalised Bank/Scheduled Bank in favour of “ EdCIL (India) Limited. Noida. ” MSEs Bidders are exempted from submission of EMD
On-site Warranty	One-year Comprehensive warranty from the date of successful Installation & Commissioning of Labs at any particular location.
Performance Bank Guarantee	PBG (Nationalised Bank/Scheduled Bank in favour of “ EdCIL (India) Limited. Noida ”) @ 3% of the work order value is required to be submitted within 15 days from the date of issue of LOA. Separate PBG is required to be submitted for each work order placed to the successful bidder. This guarantee shall be valid for a period of 90 days beyond the period for 1 Year Warranty from the date of final commissioning and handing over to Client.
Name of Organization	EdCIL (INDIA) LTD., NOIDA
Tender Type (Open/	Open, e-Tender, two packet on QCBS system

Limited/ EOI/ Auction/ Single)	
Tender Category	Goods & Services
Product Category	Educational Laboratory Equipment and related Miscellaneous Items;
Purchaser, Place of delivery and Duration of Delivery.	EdCIL/ EdCIL's Clients Sixty (60) Days.
The Currency in which payment shall be made	Indian Rupees (INR)
Date of Issue/Publishing	30-07-2026
Pre-Bid Meeting (Online)	06-08-2026 at 15:30 Hrs. (Then link for the same shall be uploaded on EdCIL's website only)
Last Date and Time for receipts of Bids	14-08-2026 up to 14:30 Hrs.
Presentation by the Bidders to the Evaluation Committee	Shall be intimated separately to the eligible agencies
Date and Time of Opening of Technical Bids	14-08-2026 at 15:00 Hrs.
No. of Covers	02 (Two packet)
Bid Validity days (180/120/90/60/30)	90 days (From last date of opening of tender)
Address for Communication	Chief General Manager (EIS & EPS) EdCIL (India) Limited, 18 A, Sector-16A, Noida-U.P.-201 301, Ph. No.: 0120-4310840
Contact No.	0120-2512001 to 2512006, 0120-4156001,002,4154003
Email Address	eprocare@edcil.co.in

5. Tender document shall be downloaded from electronic tender portal link available at EdCIL Tender web page and details mentioned elsewhere in the tender document. Aspiring bidders who have not get registered in e-procurement should get themselves register/enroll before participating in e-tendering process. Interested bidders are advised to go through instructions provided at "Instructions to Bidders for e-tendering."
6. No manual bids shall be accepted. Bids should be submitted in the E-Tendering mode only.
7. **No consortium/ No Joint Venture is allowed.**
8. Bidders are advised to visit the EdCIL Web site for getting themselves updated for information on this tender. Corrigendum and addendum may be issued on the changes required. The Corrigendum/addendum are the part of tender documents and Bidders are supposed to upload the same duly signed as per the guidelines given

in the tender document. Bidders are advised to visit EdCIL e-tender web page regularly to update themselves for any notifications for this tender.

-Sd-

Chief General Manager/ (EIS & EPS)
EdCIL (India) Limited,
18 A, Sector-16A, Noida-201 301
Tel: +91120-4156001,0120-4154003,
0120-2512004,05,06.

CHAPTER- II

Offline and Online Bid Submission Documents

1. Offline Submissions:

1.1 The bidder is advised to submit the following documents offline to the under mentioned address before the start of Public Online Tender Opening Event in a Sealed Envelope at the address.

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

I. Original EMD amount in the form of Demand Draft.

II. Original copy of the power-of-attorney, wherever required.

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

2. Online Submissions:

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

Envelope-1 (Following documents to be provided as single PDF file) *File size shall be less than 5 MB each.			
Sl. No.	Documents	Content	File Types
1.	Technical Bid	Technical Sheet as per Annexure-I	.PDF
2.		Organization Declaration Sheet as per Annexure-II	.PDF
3.		List of organizations/ clients where the same products have been supplied (in last three years) along with their contact number(s). (Annexure-VII)	.PDF
4.		Supporting documents in support of all claims made at Annexure-III, IV, V, VI, VIII, IX, XII	.PDF
5.		Corrigendum/ Addendum are also to be signed and uploaded.	.PDF

Envelope-2			
Sl. No.	Documents	Content	File Types
1.	Financial Bid	As per Financial Bid forms and BOQ	.PDF and Excel sheet

CHAPTER-III

DEFINITIONS & Abbreviations

Successful bidder	“Successful bidder ” shall mean the successful agency/ bidder, firm or corporation to whom the Purchase Order is issued.
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/Tender	"Bid" means the response to this document presented in Two packet, Technical Cum Commercial 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/Tenderer	“Bidder” means any manufacturer/ individual/ proprietor/ partnership firm/ agency/ company/ responding to 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 normal working day with or without extra hours to work on the designated site of the project/ work.
EMD	Earnest Money Deposit
D.D	Demand Draft
EdCIL	EdCIL (India) Limited, Noida (A Govt. of India Enterprise)
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.
TENDER	“ TENDER ” means the Request for Proposals
Goods and Materials	“Goods and Materials” shall mean the articles, materials, equipment, Furniture Items, IT Equipment, successful bidder ’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/ Work Order and its attachments and exhibits.
Purchaser	“Purchaser” shall mean EdCIL/ EdCIL’s various clients where the lab items are to be supplied, installed and commissioned.
Consignee	“Consignee” shall mean Authorized Representative of EdCIL (India) Limited / Authorized representative of Client.
GST	Goods and Services Tax
EPF	Employee Provident Fund

ESI	Employees State Insurance.
MSME	Micro, Small and Medium Enterprises.
NSIC	National Small Industry Corporation.
GOI	Government of India.

CHAPTER-IV**INSTRUCTIONS FOR E-TENDERING****1. Instructions for Online Bid Submission:**

- 1.1 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.
- 1.2 For conducting electronic tendering, EdCIL (India) Limited has decided to use Electronic tender portal link available with detailed information on e-tendering process at EdCIL website. This portal built using Electronic tender's software is referred to as <http://www.tenderwizard.com/EDCIL>.
- 1.3 The bidders are required to submit soft copies of their bids electronically on <http://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.
- 1.4 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 <http://www.tenderwizard.com/EDCIL>. Both Technical Bid and Financial Bid will be submitted concurrently duly digitally signed in the website <http://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.
- 1.5 All Corrigendum/Amendment/Corrections, if any, will be published on the website <http://www.tenderwizard.com/EDCIL>.
- 1.6 It is mandatory for all the applicants to have Digital Signature Certificate (in the name of person who will sign the bid document) from any of the licensed certifying.
- 1.7 To participate in the e-tendering submission, it is mandatory for the applicants to get registered their firm/joint venture with the Tender Wizard E-Tendering Portal of <http://www.tenderwizard.com/EDCIL>.to have user ID & Password from Tender Wizard E-Tendering Portal.
- 1.8 **Register your organization on Tender Wizard E-Tendering Portal by following link <http://www.tenderwizard.com/EDCIL> well in advance of your first tender submission deadline on Tender Wizard E-Tendering Portal for obtaining credentials by paying Annual registration charges. Vendor Registration is Valid for 1year.**
- 1.9 Get your organization's concerned executives trained on **Tender Wizard E-Tendering Portal** well in advance of your first tender submission deadline on E-tender Site.
- 1.10 Submit your tender well in advance by relevant documents along with copy of EMD of

tender submission deadline on **Tender Wizard E-Tendering Portal** as there could be last minute problems due to internet timeout, breakdown, etc.

- 1.11 Tenders should be submitted only through Tender Wizard E-Tendering Portal and obtain the Tender Acknowledgement copy as a proof of successful submission.
- 1.12 Vendors Training Program: Vendors are requested to contact at Tender wizard Helpdesk for any information regarding E-tendering / training.
 - a) For online registration, intended bidders may write us at harishkumar.kb@etenderwizard.com or contact no. 080-49352000/9686115318/9650520101/8800445981.
 - b) For any further query related to Training Session, Tender Uploading/downloading or any other query related to tender please contact Tender wizard Helpdesk.
- Telephone: 080-49352000/9686115318 or write us mail on Email Id:- harishkumar.kb@etenderwizard.com, ambasa@etenderwizard.com, twhelpdesk759@gmail.com, twhelpdesk963@gmail.com

2. Digital Signature Certificates

For integrity of data and authenticity/non-repudiation of electronic records, and to be compliant with IT Act 2000, it is necessary for each user to have a Digital Signature Certificate (DSC). Also referred to as Digital Signature Certificate(DSC)of Class 2or above, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA)[refer <http://www.cca.gov.in>].

3. Registration

- 3.1 To use the **Tender Wizard E-Tendering Portal**, vendors need to register on the portal by going on the link provided at EdCIL tender webpage as <http://www.tenderwizard.com/EDCIL>. Registration of each organization is to be done by one of its senior persons who will be the main person coordinating for the e-tendering activities. In **Tender Wizard Portal** terminology, this person will be referred to as the Super User(SU)of that organization. For further details, please visit the website/portal, and click on the 'Successful bidder Organization' link under 'Registration' (on the Home Page)and follow further instructions as given on the site. Pay Annual Registration Fee as applicable.
- 3.2 After successful submission of Registration details and Annual Registration Fee, please contact **Tender Wizard** Helpdesk (as given below), to get your registration accepted/activated.
- 3.3 **Important Note:**
 - 3.3.1 To minimize the problems during the use of **Tender Wizard E-Tendering Portal** (including the Registration process), it is recommended that the user should use as per the instructions given under 'Tender Wizard E-Tendering Portal User-Guidance Centre' located on Home Page, including instructions for timely registration on Portal. The instructions relating to 'Essential Computer Security

Settings for Use of Tender Wizard E-Tendering Portal and 'Important Functionality Checks' should be especially taken into cognizance.

- 3.3.2 Please note that even after acceptance of your registration by the Service Provider, to respond to a tender you will also require time to complete activities related to your organization, such as creation of users, assigning roles to them, etc.

4. SEARCHING FOR TENDER DOCUMENTS

- a. There are various search options built in the Tender Wizard E-Tendering Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID/ Tender Search Code (TSC), organization name, location, date, value, etc. There is also an option of advanced search for tenders, where in the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other key words etc. to search for a tender published on the Tender Wizard E-Tendering Portal.
- 4.2 Once the bidders have selected the tenders they are interested in, they may download the required documents/ tender schedules. This would enable the Tender Wizard E-Tendering Portal to intimate the bidders through e-mail alert in case there is any corrigendum issued to the tender document.
- 4.3 The bidder should make a note of the unique Tender ID/ Tender Search Code (TSC) assigned to each tender, in case they want to obtain any clarification/help from the Help desk.

5. PREPARATION OF BIDS

- 5.1 Bidder should take into account any corrigendum/addendum published on the portal before submitting their bids.
- 5.2 Please go through the tender advertisement and 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.
- 5.3 Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/ schedule and generally, they can only be in PDF format. Bid documents may be scanned with 100dpi with black and white option.

6. SUBMISSION OF BIDS

- 6.1 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 upload 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.
- 6.2 The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.

- 6.3 Bidder has to pay the tender fee/EMD as applicable through demand draft as per tender condition in favour of “**EdCIL (India) Ltd**” payable at **Noida** and enter details of the instruments. Original copies of demand draft for EMD/ Tender fees are required to be submitted.
- 6.4 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.
- 6.5 The server time (which is displayed on the bidder’s dashboard) 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.
- 6.6 The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 6.7 Upon the successful and timely submission of bids, the portal will give a successful bid submission message & bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

7. **ASSISTANCE TO BIDDERS**

- 7.1 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	
Telephone/ Mobile	Customer Support:080-49352000 (Multiple Telephone lines) EmergencyMobileNumbers:9686115318/ 9650520101/8800445981. (Please contact in case of emergency during non-working hours.)
E-mail ID	To Tender Wizard harishkumar.kb@etenderwizard.com ambasa@etenderwizard.com twhelpdesk759@gmail.com twhelpdesk963@gmail.com & cc to: eprocure@edcil.co.in

8. **Offline Submissions: (AS PER TENDER REQUIREMENT)**

- 8.1 The bidder is requested to submit the following documents in a Sealed Envelope to the above-mentioned address (given in NIT) before the start of Public Online Tender

Opening Event.

1. **Original Demand Draft as EMD in the form of Demand Draft.**
2. **Original copy of the power-of-attorney wherever applicable.**

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

- 8.2 The envelope shall bear (the project name), the tender number along with the Name of Bidder firm with address and the words 'DO NOT OPEN BEFORE' (due date & time).

9. Public Online Tender Opening Event (TOE)

- a. Tender Wizard E-Tendering Portal offers a unique facility for 'Public Online Tender Opening Event (TOE)'. Tender Opening Officers, as well as, authorized representatives of bidders can simultaneously attend the Public Online Tender Opening Event (TOE) from the comfort of their offices. Alternatively, one/two duly authorized representative(s) of bidders (i.e. Successful bidder organization) are requested to carry a Laptop with Wireless Internet Connectivity, if they wish to come to Buyer Organization for the Public Online TOE.
- b. Every legal requirement for a transparent and secure 'Public Online Tender Opening Event (TOE)', including digital counter-signing of each opened bid by the authorized TOE-officer(s). Simultaneous online presence of the participating bidders' representatives for TOE has been implemented on Tender Wizard E-Tendering Portal.
- c. Tender Wizard E-Tendering Portal has a unique facility of 'Online Comparison Chart' which is dynamically updated as each online bid is opened. The format of the chart is based on inputs provided by the Buyer for each Bid-Part of a tender. The information in the Comparison Chart is based on the data submitted by the Bidders.
- d. Tender Wizard E-Tendering Portal has a unique facility of a detailed report titled 'Minutes of Online Tender Opening Event (TOE)' covering all important activities of 'Online Tender Opening Event (TOE)'. This is available to all participating bidders for 'Viewing/Downloading'.

10. CRITICAL DO'S AND DON'TS FOR BIDDERS

Specifically, for Successful bidder organizations, the following '**SEVEN KEY INSTRUCTIONS for BIDDERS**' must be assiduously adhered to:

- I. Obtain individual Digital Signing Certificate (DSC or DC) well in advance of your first tender submission deadline on **Tender Wizard E-Tendering Portal**.
- II. Register your organization on **Tender Wizard E-Tendering Portal** well in advance of the important deadlines for your first tender on Tender Wizard E-Tendering Portal viz. 'Date and Time of Closure of Procurement of Tender Documents' and 'Last Date and Time of Receipt of Bids'. Please note that even after acceptance of your registration by the Service Provider, to respond to a tender you will also require time to complete activities related to your organization, such as creation

of- Marketing Authority (MA) [i.e. a department within the Successful bidder / Bidder Organization responsible for responding to tenders], users for one or more such MAs, assigning roles to them, etc. It is mandatory to create at least one MA. This unique feature of creating an MA enhances security and accountability within the Successful bidder / Bidder Organization.

- III. Get your organization's concerned executives trained on Tender Wizard E-Tendering Portal well in advance of your first tender submission deadline on the Portal.
- IV. For responding to any particular tender, the tender (i.e. its Tender Search Code or Tender No) has to be assigned to an MA. Further, an **'Official Copy of Tender Documents'** should be procured/ downloaded before the expiry of Date and Time of Closure of Procurement of Tender Documents.

Note: Official copy of Tender Documents is distinct from downloading 'Free Copy of Tender Documents'. Official copy of Tender Documents is the equivalent of procuring physical copy of Tender Documents with official receipt in the paper-based manual tendering system.

- V. Submit your bids well in advance of tender submission deadline on Tender Wizard E-Tendering Portal (There could be last minute problems due to internet timeout, breakdown, etc.)
- VI. Tender Wizard E-Tendering Portal will make your bid available for opening during the Online Public Tender Opening Event (TOE) 'ONLYIF' your 'Status pertaining Overall Bid-Submission' is **'Complete'**. For your record, you can generate and save a copy of 'Final Submission Receipt'. This receipt can be generated from 'Bid-Submission Overview Page' only if the 'Status pertaining overall Bid-Submission' is 'Complete'.

11. MINIMUM REQUIREMENTS AT BIDDER'S END

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

Note:

- I. The Bid shall be typed in English and signed by the Bidder or a person duly authorized to bind the Bidder to the Contract. The person(s) signing the Bids shall initial all pages of the Bids.
- II. All envelopes should be securely sealed and stamped.
- III. It is mandatory for the Bidder to quote for all the items mentioned in the tender.

CHAPTER-V

INSTRUCTIONS TO BIDDERS

1. **Due date:** The tender has to be submitted online before the due date & time as mentioned in the NIT or any later notification.
2. **Preparation of Bids:** The offer/ bid shall be submitted in Two packet system (i.e.) Technical and Financial bid. The technical bid shall consist of all technical details along with commercial terms and conditions. The financial bid shall indicate item wise rate for the items mentioned in the technical bid in the given PDF format.
3. **EMD:**
EMD (earnest money deposit) of **Rs. 10,00,000/- (Rs. Ten Lakh Only)** shall be submitted separately in the form of Demand Draft in favour of “EDCIL India Limited” payable at Noida. The EMD can also be submitted in the form of Bank Guarantee (BG) from Nationalized/ Scheduled Bank (as per the list enclosed). BG should remain valid for 30 days beyond the period of validity of the tender. The Bid sent without EMD shall be considered as NON-RESPONSIVE and liable to be rejected.

Note: MSEs Bidders are exempted from submission of EMD

4. **Refund of EMD:**
 - I. The EMD will be returned to unsuccessful Tenderer only after the Tenders are finalized.
 - 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 refunded after submission of **Performance Bank Guarantee @ 3% of Bid value** from a Nationalized/ Scheduled Bank (as per the list enclosed) operating in India.
5. **Acceptance/ Rejection of bids:** EdCIL reserves the right to reject any or all offers without assigning any reason. EdCIL based on the requirement, without assigning any reason to the Bidder/s may split work/Scope/Bid offer in stages or in parts according to the need of work or for ease of execution of work. EdCIL reserve it's right to take decision according to requirement and no claim on whatsoever ground shall be entertained from the bidder/s. Final decision of EdCIL shall be binding on the bidder.

6. **ELIGIBILITY CRITERIA:**

(Documents must be provided in support of the following Eligibility Criteria otherwise bids will be summarily rejected)

Sl.	PQ CRITERIA	Supporting Documents required
I.	The bidder must be a Company (Ltd. Or Pvt. Ltd.)/Proprietary /Partnership Firms/LLP registered with Statutory Authorities in India for the last five years from the date of NIT. No consortium/ No Joint Venture is allowed.	Copy of certificate of incorporation/ any other legally valid supporting document like MSEs/ GST registration etc.

II.	Only authorized dealer/ agency of Original Equipment Manufacturer (OEM)/ OEM/ System Integrator (SI) or any company having minimum 5 years of experience in execution of such supplies and installation, should apply against this invitation for tender. The bidder, offering to the supply of similar items under the bid, which the bidder does not manufacture or otherwise produce, the bidder has to provide Manufacturer's Authorization Certificate preferably as per format at Annexure XIII . <i>Bids submitted without authorization certificate will be summarily rejected. Authorization certificate from OEM is essential for supply under scope of work.</i>	Latest Authorization letter from OEM to the Bidder authorizing him to do business on OEM's Behalf for supplies and services mentioned in this tender, as associate or authorized business partner, for OEM's Manufactured Items. In case of OEM, valid Proof of the agency as OEM (Self Manufacturer Authorization) is required to be submitted. In case of OEM participating as a bidder, a power of attorney issued by the company's Director/ Board of Directors in favour of the authorized signatory for this tender to be submitted along with the bid.
III	The average annual turnover (Best 3 out of last 5 Financial Years) of the bidder firm should be minimum Rs 35 Crores (Rs. Thirty-Five crores only) during the last five financial years (2020-21, 2021-22, 2022-23, 2023-24, 2024-25). The agency should have positive net worth for all 5 years.	In this regard, the bidder should submit copies of audited balance sheets certified by CA including profit and loss accounts for the last five financial years as above along with certificate of positive net worth. Turnover and Net worth certificate from CA.
IV	The Bidder should not have been declared blacklisted/debarred neither failed to perform on any Agreement, nor have been expelled from any project /Agreement nor any Agreement terminated for breach in any of the government department and public sector undertaking /enterprise or by any other Client in India, in last five year before release of advertisement	Copy of undertaking signed by authorized signatory of bidder should be submitted with the technical bid. Format enclosed as Annexure IV .

7. Evaluation of Proposals

7.1 Evaluation of Technical Proposal:

Bidders are advised to submit the technical bid, online as mentioned in Chapter-IV. The Evaluation Committee intends to evaluate the Technical Proposals, by applying the evaluation criteria as detailed below. Each responsive Proposal shall be given a technical score under Quality & Cost Based Selection (QCBS) criteria.

7.2 Evaluation Criteria:

- (i) The eligible bidder (as per clause no. 6) will be evaluated for technical criteria. The technical evaluation criteria have been given in Table below. Under technical evaluation the bidders are required to make detailed presentation along with physical samples to the Evaluation Committee in a Power Point Format (PPT) (duration of presentation is 20 minutes) for evaluation purposes. This presentation shall be made only by the eligible bidders on a scheduled date or time shall be intimated later.
- (ii) The Technical Proposals of the eligible bidders shall be analyzed and evaluated and the Technical Proposal Marks (TPM) shall be assigned to the proposal of each Bidder. Details of technical evaluation parameters are as shown below:

Sl.	Bid Component	Technical Proposal Marks
		Allotted Marks
1	The average annual turnover (Best 3 years turnover out of last 5 financial years) of the bidder firm should be minimum Rs 35 Crores (Rs. Thirty-Five crore only) during the last five financial years (2020-21, 2021-22, 2022-23, 2023-24, 2024-25). (i) Rs. 35-40 Crores = 5 Marks, (ii) >Rs. 40 Crore = 10 Marks;	10
2	Bidder must have successfully executed <u>at least 3 nos. projects of Minimum work value of Rs. 3 Crore each</u> for similar* kind of products during the last three completed financial year (2022-23, 2023-24, 2024-25): 3-4 Nos. Projects = 10 Marks, >4 Nos. Projects = 20 Marks; For each project, separate work order/agreement along with Completion Certificate/ Handing over Certificate / Final bill copy indicating cumulative work done is required to be submitted.	20
3	Bidder must have successfully executed <u>at least 5 nos. projects of Minimum work value of Rs. 1 Crore each</u> for similar* kind of products during the last Five completed financial year (2021-22, 2022-23, 2023-24, 2024-25, 2025-26) from Govt. Entity (Central/State/ PSU/Autonomous Body). 5 Nos. Projects = 5 Marks, 6-9 Nos. Projects = 10 Marks ≥10 Nos. Projects = 20 Marks; For each project, separate work order/agreement along with Completion Certificate/ Handing over Certificate / Final bill copy indicating cumulative work done is required to be submitted.	20
4	Bidder must have successfully executed similar* projects for minimum total 500 nos. schools during the last three completed financial year (2022-23, 2023-24, 2024-25):	20

	500- 1000 Nos. of Schools = 10 Marks, >1000- 3000 Schools = 15 Marks, > 3000 Schools = 20 Marks; For each project, separate work order/agreement along with Completion Certificate/ Handing over Certificate / Final bill copy indicating cumulative work done is required indicating number of schools is required to be submitted.	
5	Presentation (Total Marks:30)	
I	Elaboration of Product under BoQ with physical samples: Integrated Innovation Hub Elaboration in terms of manufacturing facility (in case of OEM), supply capacity, quality of item, learning outcome/ impact of the earlier executed similar Project etc.	30
II	Geographical Presence with local offices for Pre & Post services of the Products across India.	
III	Availability of Manpower, experience in teacher training, conduction of baseline, endline survey, availability of Pan India office/ facility/ies to supply the Products, warranty mechanism etc.	
	TOTAL (1+2+3+4+5)	100

*Similar work shall mean the work executed by the agency for setting up of various labs under school education, consisting of any of the 05 (Five) lab heads as shown in the summary of BOQ.

The Evaluation Committee shall evaluate and rank each Technical Proposal on the basis of the Proposal's responsiveness to the scope using the evaluation criteria and score system specified above. Each Technical Proposal shall receive a technical score as:

$$\text{Technical Proposal Marks (TPM)} = 100 \times \frac{\text{Technical Proposal under consideration}}{\text{Highest Technical bid}}$$

The Proposal shall be rejected if it does not achieve the minimum technical marks of 70 (Seventy) out of maximum of 100 (one hundred) marks.

7.3 Evaluation of Financial Proposals:

Financial Proposals of the technically qualified Bidders as evaluated according to the above-mentioned evaluation matrix (i.e. the Bidders scoring more than 70 marks) shall be opened by the Techno-Commercial Evaluation Committee in the presence of the representative of the Bidders, who chose to attend the opening of bids. The quoted fee shall be read out and recorded.

$$\text{Financial Proposal Marks (FPM)} = 100 \times \frac{\text{Lowest Financial Bid}}{\text{Financial Bid under consideration}}$$

The lowest evaluated Financial Proposal will receive a maximum of 100 marks.

7.4 Final Evaluation:

The final evaluation will be made on the basis of the following:

- Weightage for the Technical Proposal: 0.7
- Weightage for the Financial Proposal: 0.3

Combined Technical and Financial score, **(HPM) = TPM x 0.7 + FPM x 0.3**

7.5 Award of Work

The Bidder with the Highest Proposal Marks (HPM) on the merit of evaluation shall be onboarded as successful bidder.

Notwithstanding anything stated above, the Consignee/ 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 work by EdCIL/Client.

8. Performance Security:

The successful bidder should be required to deposit Performance Bank Guarantee equivalent to **3% of each Work Order** to EdCIL within 15 (Fifteen) days from the date of receipt of Purchase Order.

The Performance Bank Guarantee should be issued by a **Nationalized/scheduled Bank** in favour of "**EdCIL (India) Ltd. Noida**". This Performance Bank Guarantee should be retained throughout the currency of the contract and should be extended by the bidder from time to time, as required by EDCIL.

This guarantee shall be valid for a period of **90 days beyond the One-year warranty period from the date of commissioning and successful handing over.**

9. Force Majeure:

The successful 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 delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

- For purposes of this Clause, "Force Majeure" means an event beyond the control of the Successful bidder and not involving the Successful bidder's fault or negligence and not foreseeable. Such events shall include, but are not limited to, acts of the Consignee either in its sovereign or contractual capacity, wars or revolutions, fires, freight embargoes, quarantine restrictions, Act of God like floods, epidemics etc.
- If a Force Majeure situation arises, the Successful bidder should promptly notify the Consignee in writing of such conditions and the cause thereof. Unless otherwise directed by the Consignee in writing, the Successful bidder 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.

10. Delivery Schedule:

The Delivery should be completed within **60 days** of receipt of LOA (Letter of Award). The

bidder should submit an undertaking by indicating the list of items with quantities that all the Laboratory equipment/ items are off the shelf ready at their factory/ warehouse at the time of submission of bid.

11. Milestones/Schedule:

In the event of failure of supply of the items/ goods within the stipulated delivery schedule/Milestones, the consignee has all the right to foreclose/terminate the contract by reserving right to encash the Performance Bank Guarantee. The milestone for the Delivery and installation is as follows:

Activity	Days
1. Completion of delivery of Material at Project Site;	D+ 60
2. Installation/ Commissioning, Capacity Building /teacher's training and Baseline Survey of the concerned School;	D+ 90
3. Endline Survey (if applicable)	6 Months after Baseline Survey
➤ D- Denotes the date of issue of work Order to the successful Bidder. ➤ If the PDI is delayed due to any reason beyond the control of bidder, the revised timeline for Supply/Delivery completion may be considered in sole discretion of EdCIL's Client/EdCIL.	

Note:

- The agency has to visit the site and update himself to site requirements & prepare layout diagram wherever required as per the requirement of the EdCIL/EdCIL's client. EdCIL reserves its right to modify the supply period according to the number of schools available, location plan or any other priority or plan of the client. There is a possibility that Baseline & Endline survey may not happen as per requirement by client. In that case the delivery milestones may be modified by EdCIL.*
- The successful bidder has to depute their full-time supervisor during execution till handing over for successful completion of the work.*

12. Risk Purchase Clause:

In the event of failure of supply of the items/ goods within the stipulated delivery schedule, the consignee has all the right to purchase the items/ goods from the other source on the total risk of the successful bidder under risk purchase clause. The decision of EdCIL shall be final and binding to the successful bidder. In case of risk coverage, PBG or any bill value due if any on date shall be recovered for completing the supply and installations. No claim on whatsoever grounds shall be entertained by EdCIL.

13. Packing Instructions: Each package will be marked on three sides with proper paint/ indelible ink, the following:

- Item Nomenclature
- Order/Contract No.
- Country of Origin of Goods
- Successful bidder's Name and Address

- v. Consignee details
- vi. Packing list reference number
- vii. All packing should be strong enough to withstand rough handling during loading, unloading and transporting. Fragile articles should be packed with special precaution and should bear the marking like Fragile, handle with care, This side up etc. All delicate surfaces of items/goods should be carefully protected and painted with protective paint/ compound and wrapped to prevent rusting and damage.
- viii. Attachments and spare parts and all small pieces should be packed with adequate protections and wherever possible should be sent along with the major items. Each item should be tagged so as to identify it with the main item and part number and reference number should be indicated.
- ix. All protection and threaded fittings should be suitably protected and covers should block the openings.

14. 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 .

15. Delivery Documents:

Till the consignee takes over/ receives the items/ goods, the successful bidder should be responsible for transportation and to keep the same in safe custody and the charges (if any) to be borne by the successful bidder . The successful bidder should mail the following documents to the consignee:

- i. 3 Copies of the Successful bidder invoice showing contract number, goods 'description, quantity unit rate, total amount along with E way Bills.
- ii. Acknowledgment of receipt of goods from the consignee(s) by the transporter;
- iii. Manufacturer's/ Successful bidder 's warranty certificate, wherever applicable;

The above documents should be received by the Consignee before arrival of the Goods (except where the Goods have been delivered directly to the Consignee with all documents) and, if not received, the Successful bidder will be responsible for any consequent expenses.

- 16. Delayed Delivery:** If the Delivery is not made within the due date for any reason under the control of the successful bidder, the EdCIL reserves the right to impose **Liquidated damages (LD) @ 0.5% per week effective from the 61st day from the date of issuance of Work Order** and the maximum deduction of 10% of the contract value/ rate. The LD shall be applied only on the portion of items not delivered within the stipulated time period for reasons under the control of the successful bidder . In case of any unforeseen delay or delay beyond control of the successful bidder , the successful bidder may request for extension of the time within stipulated time. EdCIL at its discretion may grant the extension to the successful bidder subject to approval of client.

Once the maximum is reached, EdCIL has the right to terminate the contract without any liability to cancellation charges and encash the submitted performance guarantee/s submitted by successful bidder.

The above clause is also applicable for Installation and Commissioning also. The same should be read in sync with the Delivery Milestones.

17. Inspection and Tests:

- i. EdCIL reserves the right to inspect (**Pre-Delivery Inspection**) the goods and equipment before shipment at successful bidder 's plant/ warehouse to check whether the goods/ equipment are in conformity with the technical specifications as mentioned in tender BOQ.
- ii. The acceptance test (if required) will be conducted by the Consignee, their consultant or other such person nominated by the Consignee at its option after the item is delivered/ installed at consignee's site in the presence of successful bidder 's representatives. The acceptance will involve trouble free operation and ascertaining conformity with the ordered specifications and quality. There should not be any additional charges for carrying out acceptance test. No malfunction, partial or complete failure of any part of the item is expected to occur. The Successful bidder should maintain necessary log in respect of the result of the test to establish to the entire satisfaction of the Consignee, the successful completion of the test specified.
- iii. In the event of the ordered item failing to pass the acceptance test, a period not exceeding one week will be given to rectify the defects and to clear the acceptance test, failing which the Consignee reserve the right to get the item replaced by the Successful bidder at no extra cost to the Consignee.
- iv. Successful conduct and conclusion of the acceptance test for the installed goods and item should also be the responsibility and at the cost of the Successful bidder .

18. Rates:

- i. The rate should be quoted in per unit (with breakup) and must include all packing and delivery charges. The offer/bid should be exclusive 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 rate of the product including taxes, transportation, Warranty with all other incidental expenses indicated.
- ii. The rates 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 rate must be mentioned in Financial Bid only. Discount or any other offers affecting the Package rate mentioned at any other place of the bid other than Financial Bid will not be considered.
- iii. Installation/commission/ labour/ machine / lead lifts/ nothing extra shall be paid beyond the offered rates.

19. Notices: For the purpose of all notices, the following should be the address :**Consignee:****The Project Manager,**

EdCIL India Ltd., Camp office; as per the location of school or place of delivery decided by the client at the time of execution of project. For communication purposes following address may be used. The contract Name and agreement no. to be indicated in the subject.

The Project Manager,
EdCIL (India) Limited,
18 A, Sector-16A,
Noida-201 301
Tel: 91-120-2512001 to 2512006

Successful bidder : (To be filled in by the successful bidder)

20. Resolution of Disputes: The dispute resolution mechanism to be applied pursuant should be as follows:

- i. In case of Dispute or difference arising between the Consignee and a domestic successful bidder relating to any matter arising out of or connected with this agreement, such disputes or difference should be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof should apply to the arbitration proceedings.
- ii. The dispute should be referred to the Competent Authority, EdCIL and if he/she is unable or unwilling to act, to the sole arbitration of some other person appointed by him willing to act as such Arbitrator. The award of the arbitrator so appointed should be final, conclusive, and binding on all parties to this order.
- iii. In the case of a dispute between the consignee and a Foreign Successful bidder , the dispute should be settled by arbitration in accordance with provision of sub-clause (i) & (ii) above. But if this is not acceptable to the successful bidder then the dispute should be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.
- iv. The venue of the arbitration should be the place from where the order is issued or under the courts of Delhi jurisdiction.

21. 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, the Consignee 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 Consignee'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 successful bidder s should replace the same free of cost. However, CLIENT/ EdCIL will 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 successful bidder at their own cost and risk.

22. Successful bidder Integrity

The Successful 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.

23. Training and demonstration

The Successful bidder is required to provide training to the designated Consignee's technical and end user personnel to enable them to effectively operate the total item.

The successful bidder is required to undertake the demonstration of the items within 7 days of the arrival of materials at Client.

24. Insurance

- I. The Successful bidder should make all arrangements towards safe and complete delivery at Client. Such responsibility on part of the successful bidder will include taking necessary transit insurance and erection policy, freight, octroi, state level permits etc. as applicable on the items of this tender.
- II. It is the total responsibility of successful bidder to complete all formalities to transit of goods from the place of dispatch to Client.
- III. 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.
- IV. The successful bidder will keep EdCIL informed about various stages of deliveries & installation.

25. Incidental Services: The incidental services also include:

- I. Furnishing of 01 set of detailed operations & maintenance manual if applicable.
- II. Arranging the shifting/moving of the item to their location of final installation within Client at the cost of Successful bidder through their Indian representatives.

26. Warranty:

- I. Comprehensive Warranty should be for a minimum period of **one (01) year** from date of successful installation & commissioning of Goods at the Client. The Successful bidder should, in addition, comply with the performance and/or consumption guarantees specified under the contract. If for reasons attributable to the Successful bidder, these guarantees are not attained in whole or in part, the Successful bidder should at its discretion make such changes, modifications, and/or additions to the Goods or any part thereof as shall be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests.
- II. The warranty should be comprehensive on site with responsibility of the agency to ensure attending the warranty queries/issues received from Client. Successful bidder should give written information (about the Engineers/ technical representative name and cell numbers) before handing over of the Goods to the

Consignee and to the end client's nominated representative/s to attend the issues related to the warranty of the goods supplied under the contract.

- III. The Consignee/Client should promptly notify the Successful bidder in writing of any claims arising under this warranty. Upon receipt of such notice, the Successful bidder should immediately within 02 days arrange to repair or replace the defective goods or parts thereof free of cost at the ultimate destination. The Successful bidder should take over the replaced parts/goods at the time of their replacement. No claim whatsoever should lie on the Consignee for the replaced parts/goods thereafter. The period for correction of defects in the warranty period is 02 days. If the successful bidder having been notified fails to remedy the defects within 02 days, the consignee should proceed to take such remedial action as should be necessary, at the successful bidder's risk and expenses and without prejudice to any other rights, which the consignee should have against the successful bidder under the contract.

27. 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.

28. 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.

29. Notices

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

30. Taxes

Successful bidder s should be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Consignee/ CLIENT. EdCIL shall not make any payment towards any taxes or any other incidental charges payable by the successful bidder for supply of material up to the place of delivery.

31. Payment Terms:

- i) 80% payment shall be made against delivery of all the BOQ items or part thereof for each school/ number of schools delivered.
- ii) 15% on completion of Installation/Commissioning, Baseline Survey, 1st Teacher Training of lab items in good conditions at School and to the entire satisfaction of the Consignee.
- iii) 5% payment after completion of warranty Period;

Note: Payment terms may vary according to payment terms with EDCIL's Client.

Payment will be processed after proper quality checks and signing of handing over certificates by concerned authorities. The payment terms may vary according to the order received by EdCIL from their respective clients.

Note:

- a) **The ownership of supply shall be with CLIENT and as such EdCIL will process the Invoice of the Successful bidder and forward the bill to CLIENT with EdCIL's recommendation. Thereafter, the payment shall be released to the successful bidder by EDCIL on transfer of funds by CLIENT to EDCIL as per the recommendation of successful completion of supply, installation, commissioning and handing over.**
- b) **Valid GST invoice should be prepared as Bill to EDCIL India Limited quoting EDCIL's GST NUMBER and Ship to various Locations of Client.**

32. User list: Brochure/ documents in printed form duly signed and stamped detailing technical specifications and performance, list of industrial and educational establishments where the items have been supplied must be provided.

33. Manuals and Drawings

- I. At the time of goods and items are taken over by the Consignee/ client, the Successful bidder should provide the operation and maintenance manuals. These should be in such details as will enable the Consignee to operate, maintain, adjust and repair all parts of the works as stated in the specifications. Wherever applicable, neatly sketched drawings in A3 page size in colour /black& white print to be supplied along with the specifications or manual
- II. The Manuals should be in English language in such form and numbers as stated in the contract.
- III. Unless and otherwise agreed, the goods/items should not be considered to be completed for the purpose of taking over until such manuals and drawing have been supplied to the Consignee/Client.

34. Application Specialist: The Bidder should mention in the Techno-Commercial bid about the availability and names of Applicator/Product Specialist and Service Engineers in the nearest regional office of the bidder/OEM.

35. Site Preparation:

- I. The successful bidder should visit the Schools and see the site where the items is to be installed and should offer his advice and render assistance to the Institute in the preparation of the site and other pre-installation requirements.
- II. The successful bidder should inform to the Consignee/Client about the site preparation, if any, needed for the installation of items, immediately after the receipt of the purchase order. The successful bidder must provide complete details regarding space and all the other infrastructural requirements needed for the items, which the Institute should arrange before the arrival of the items to ensure its timely installation and smooth operation thereafter.

- III. Client may provide electricity for installation of items. However, bidder is advised to make their own arrangement/ DG set to avoid any delay in execution.

36. Spare Parts

The Successful bidder should be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Successful bidder :

- I. Such spare parts as the Consignee/Client should elect to purchase from the Successful bidder , providing that this selection should not relieve the Successful bidder of any warranty obligations under the Contract; and
- II. In the event of termination of production of the spare parts:
 - Advance notification to the Consignee/Client of the pending termination, in sufficient time to permit the Consignee to procure needed requirements; and following such termination, furnishing at no cost to the Consignee/Client, the blueprints, drawings and specifications of the spare parts, if requested.
- III. Successful bidder should carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods, such as gaskets, plugs, washers, belts etc. Other spare parts and components should be supplied as promptly as possible but, in any case, within six months of placement of order.

37. Defective supply of items

- I. If any of the items supplied by the Tenderer 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 items or its part. The rates of such items should be refunded by the Bidder with 18% interest if such payments for such items have already been made.
- II. All damaged or unapproved goods should be returned at successful bidder s cost and risk and the incidental expenses incurred thereon should be recovered from the successful bidder . Defective part in items, if found before installation and/or during warranty period, should be replaced within 45 days on receipt of the intimation from this office at the cost and risk of successful bidder including all other charges. In case successful bidder fails to replace above item as per above terms & conditions, EdCIL INDIA LTD should consider "Banning" the successful bidder .

38. Termination for Default

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

- I. If the Successful bidder fails to deliver any or all of the Goods within the period(s) specified in the order, or within any extension thereof granted by the Consignee; or
- II. If the Successful bidder fails to perform any other obligation(s) under the Contract.

III. If the Successful bidder, in the judgment of the Consignee 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 Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid rates at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition;”
- In the event the Consignee terminates the Contract in whole or in part, the Consignee should procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered, and the Successful bidder should be liable to the Consignee for any excess costs for such similar Goods or Services. However, the Successful bidder should continue the performance of the Contract to the extent not terminated.

39. Disputes and Jurisdiction: Any legal disputes arising out of any breach of contract pertaining to this tender should be settled in the court of competent jurisdiction located within New Delhi.

40. Compliance: The bidder to comply with the technical specifications as given in the BOQ.

41. 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 qualification criteria, as specified in Clause: 6 & 7 of Chapter: V are still being met by the Bidder whose offer has been determined as first rank. A proposal shall be rejected if the qualification criteria, as specified in Clause: 6 & 7 are no longer met by the Bidder whose offer has been determined as first rank.

42. Price Bid Understanding

EdCIL reserves its right to call for price break-up of any or each of item mentioned in BoQ of offer by bidder. This will help to understand the quote and to make EdCIL's offer competitive.

43. 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 of any item/items appear unrealistic, such tender / item(s) will be considered as unbalanced and in case the tender is unable to provide satisfactory explanation such a tender/ item(s) is liable to be disqualified and rejected.

- 44. Acknowledgement:** It is hereby acknowledged that bidders have gone through all the conditions mentioned above and bidders agree to abide by them.

CHAPTER VI

ANNEXURE-I

Technical Specification Sheet

**** Attached as BOQ in excel sheet and PDF along with NIT document.

ANNEXURE-II

<< Bidder's 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.

This is certified that our organization has been authorized (Copy attached) by the OEM to participate in Tender. We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, OEM has agreed to support on regular basis with technology / product updates and extend support for the warranty.

The rates quoted in the financial bids are subsidized due to academic discount given to EdCIL INDIA LTD.

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 in the last three years.	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 Tender Fees) 8 UTR No. (For Tender Fee)	
(In case of on-line payment of EMD) 9 UTR No. (For EMD)	
10 MSE Details	
i. Registration No.	
ii. Gender	
iii. SC/ST	

11 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

Annexure III**LETTER OF UNDERTAKING
(ON THE LETTER HEAD OF THE BIDDER)**

To

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

Sir,

SUBJECT- Open, e-tender, Two packet, QCBS system-based invitation for Selection of Agency for Setting-up of Integrated Innovation Hub on Rate Contract;

This bears reference to EdCIL NIT NO: EdCIL/EIS & EPS/PROC/2026-27/Innovation Hub Dated 30.07.2026. 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 ___/___/2026 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:

ANNEXURE IV**UNDERTAKING**

This is to confirm that we M/s _____ (give full address) have not been declared **blacklisted/debarred** neither **failed to perform on any Agreement, nor have been expelled from any project /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 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).*

ANNEXURE V**Annual Turn Over for last 5 Financial Year ending March 2025: -**

Sl. No.	Financial Year	Annual Turn over
1.		
2.		
3.		
4.		
5.		

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

ANNEXURE-VI

Details of Projects Completed with Minimum Work Value of Rs. 3 Crore in last 3 FY ending March 2025

Name of the Firm:

S. No.	Name of the Projects	Order No. & Date	Description & Quantity of ordered items	Value of Order	Date of Start	Scheduled Date of Completion	Actual Date of Completion	Reason for Delay, if any
1.								
2.								
3.								
4.								
5.								
6.								
7.								

Signature with Seal

ANNEXURE-VII

List of Order executed for Govt. Organization/ PSU/Autonomous Bodies completed prior to last date of Bid Submission:

Name of the organization	Year of Procurement	Total Value	Name of Client's Contact Person and other details

ANNEXURE-VIII

**List of Order executed indicating Number of Schools in last 3 FY
ending March 2025:**

Name of the organization	Year of Procurement	Total No. of schools	Name of Client's Contact Person and other details

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____

Contact No. : _____

ANNEXURE-IX**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 2026.

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 submitted 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 Apostile certificate.

ANNEXURE-X**LETTER OF BID SUBMISSION**

To,

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

SUBJECT- Open, e-tender, Two packet, QCBS system-based invitation for Selection of Agency for Setting-up of Integrated Innovation Hub on Rate Contract

-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 have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
3. 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

4. Earnest Money Deposit amounting to Rs. ----- in the form of DD/Pay Order No. ----- dated ----- issued by ----- Bank is submitted.

Enclosures:

Date of Submission :

ANNEXURE – XI

Name of the Bank: _____

To

EdCIL (India) Limited, Noida

PERFORMANCE BANK GUARANTEE FORMAT

In consideration of the Chairman and Managing Director, EdCIL acting through _____ (Designation & address of Contract Signing Authority), (hereinafter called “**EdCIL (India) Limited**” 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) Limited an amount not exceeding ₹ _____ (₹ _____ only) on demand by the EdCIL (India) Limited.
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) Limited through the CGM, EdCIL (India) Limited 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) Limited 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) Limited 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.
 - a. 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) Limited 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) Limited 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) Limited 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) Limited 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) Limited If the guarantee is not renewed or the period extended on demand, we _____ (indicate the name of the Bank) shall pay the EdCIL (India) Limited the full amount of guarantee on demand and without demur.
6. We _____ (indicate the name of Bank) further agree with the EdCIL (India) Limited that the EdCIL (India) Limited 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 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) Limited or any indulgence by the EdCIL (India) Limited 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) Limited in writing.
9. This guarantee shall be valid up to (Date of Completion plus Handholding Period). Unless extended on demand by EdCIL (India) Limited 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.

ANNEXURE-XII

PROFORMA PRE CONTRACT INTEGRITY PACT

GENERAL

This pre-contract Agreement (hereinafter called the Integrity Pact) is made on ____ day of the month of 2026, 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 “**Setting-up of Integrated Innovation Hub**” for its clients and BIDDER/Seller is willing to offer the said services and related items as referred to in the Bid document no. / 2026 Dated2026.

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. dated2026 at a competitive rate 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, favour 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 Rs. as Earnest Money with the EdCIL through Account Payee Bank Draft or a Pay Order in favour of EdCIL (India) Limited.
- 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 warranty 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**

- 6.1 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 ***NIT No. EdCIL/EIS & EPS/PROC/2026-27/Innovation Hub Dt. 30/07/2026*** towards complete execution of the contract to the satisfaction of both the EdCIL and the BIDDER/Seller, including warranty 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:

2. _____

3. _____

Witness

1. _____

2. _____

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

ANNEXURE XIII

MANUFACTURER AUTHORIZATION FORM

No. _____ dated _____

To

Dear Sir:

Bid No. _____

We _____ who are established and reputed manufacturer of _____
(name and description of goods offered)
having factories at _____ (address of factory) with factory registration no. -----
----- do hereby authorize M/s _____ (Name and
address of Agent) to submit a bid, and sign the contract with you for the goods manufactured by
us against the above bid.

We hereby extend our full warranty as per Clause 3 of the Conditions of Contracts, for the
goods and services offered for supply by the above firm against this Invitation for Bid. We further
certify that we shall support vendor with all related spares and maintenance during the entire
contract period including the period of warranty/AMC.

Yours faithfully,

(Name): _____

(Name of manufacturers): _____

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

Annexure XIV

CONTRACT FORM

THIS AGREEMENT made the day of 2026 between (Name of Procurement Consultant (hereinafter "the Procurement Consultant") on behalf of **EDCIL's Client** of the one part and (Name & address of Successful bidder) (Hereinafter called "the Successful bidder ") 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 Successful bidder for the supply of those goods and services in the sum of (Contract Prize in words and Figures) (Hereinafter called "the Contract Rate")

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 Rate Schedule submitted by the Bidder;
 - [b] The Schedule of Requirements;
 - [c] The Terms & Conditions
 - [d] The Consignee's Notification of Award/ Purchase Order
3. In consideration of the payments to be made by the Consignee to the Successful bidder as hereinafter mentioned, the Successful bidder hereby covenants with the Consignee to provide the goods and services and to remedy defects herein in conformity in all respects with the provisions of the Contract.
4. The Consignee hereby covenants to pay the Successful bidder in consideration of the provision of the goods and services and the remedying of defects therein, the Contact rates 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 Successful bidder , are as under:

S. No.	Brief Description of Goods & Services	Quantity to be supplied	Unit Rate	Total Rate	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 Consignee)

in the presence of

Signed, Sealed and Delivered by the

said (For the Successful bidder)

in the presence of

ANNEXURE – XV

FORM - A

DELIVERY CERTIFICATE

(to be completed by the Consignee)

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

Sl. No.	Sl. No. (As per Work Order)	Description of items	Origin	Model & Make	Quantity

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. These damaged goods/ items have been returned to the successful bidder and successful bidder is required to supply the new item in lieu of damaged one.

Details of the Goods/ items received in objectionable condition

Sl. No.	Sl. No. (As per Work Order)	Description of items	Origin	Model & Make	Quantity

Date: _____

(Signature of the issuing official)
(Authorized Official, Client)

Name _____

Designation _____

Rubber Seal of the Institution

Received the Acknowledgement Certificate

Date: _____

Signature of Successful bidder or his Authorized Representative
Name: _____

ANNEXURE – XVI

FORM - B

INSTALLATION, COMMISSIONING & HANDING OVER CERTIFICATE

(to be completed by the Consignee)

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

Sl. No.	Sl. No. (As per Work Order)	Description of items	Origin	Model & Make	Quantity

Please make appropriate column, as per requirement.

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

Details of the Goods/ items received in objectionable condition

Sl. No.	Sl. No. (As per Work Order)	Description of items	Origin	Model & Make	Quantity

Date: _____

(Signature of the issuing official)

(Authorized Official, Client)

Name _____

Designation _____

Rubber Seal of the Institution

Received the Acknowledgement Certificate

Date: _____

Signature of Successful bidder or his Authorized Representative

Name: _____

Annexure-XVII
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

Sr.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

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

TENDER DOCUMENT

FOR RATE CONTRACT

for

Open, e-tender, Two packet, QCBS system-based
invitation

for Selection of Agency

for

Setting-up of Integrated Innovation Hub

NIT NO: EdCIL/EIS & EPS/PROC/2026-27/Innovation Hub

Date: 30.07.2026

PART-II- FINANCIAL BID



EdCIL (India) Limited

(A Govt. of India Mini Ratna Enterprises)

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

NOIDA – 201301 (UP), INDIA

FINANCIAL BID

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.
- 2.** The Bidder should quote for all the items listed in this document. In case, the Bidder/s does not quote for all the items, the Bid shall be treated as incomplete and shall be rejected summarily.
- 3.** The Items to be supplied/ delivered/ installed/ commissioned at Project Site. The rate shall be inclusive of all charges including octroi, transportation (as per the location), packing, loading and unloading (at designated location), Insurance etc. and nothing shall be paid extra.
- 4.** The evaluation shall be done on the total final cost.
- 5.** The prices quoted by the bidder shall be fixed for the quantity mentioned for the duration of the contract and shall not be subject to adjustment on any account. Price should be firm for any positive or negative variation in quantities up to 100%.
- 6.** Price bid has to be filled online (In excel sheet) on EdCIL's E-tendering Portal. 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.

FINANCIAL BID SUBMISSION FORM

To:

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

Dated: ____/____/2026

Dear Sir,

We, the undersigned, offer to provide “**Open, e-tender, Two packet, QCBS system-based invitation for Selection of Agency for Setting-up of Integrated Innovation Hub on Rate Contract**”. In accordance with your request for proposal dated ____/____/2026.

Our attached Financial Bid is for the amount of **(to be Filled Online)** [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 Price Bid. 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:

PRICE BID FORMAT (Prices to be filled in excel sheet)

SUMMARY OF FINANCIAL BID

S. No.	Description of Items	Amount (exclusive of Tax) (Rs.)	Taxes (Rs.)	Amount (Inclusive of Tax) (Rs.)
1.	Innovation Centre for Science and Math (ISCM)			
2.	DIY Kits			
3.	Discovery Workshop			
4.	Astronomy Lab			
5.	BALA Program			
6.	Environment and Sustainability Lab			
7.	Innovative Gamified Educational Tools - Primary (1st to 5th Grade)			
8.	Embedded & Robotics Lab			
	Total (PART B)			
Total Price Bid (exclusive of taxes) (in Words) (Rupees.....)				
Total Price Bid (Inclusive of taxes) (In Words) (Rupees.....)				
Note:				
i)	Unit price should include the cost of warranty for one year and freight and other charges such as loading/unloading, storage etc.			
ii)	Discount or any other offers affecting the package price must be mentioned here only and shall not be considered if mentioned at any other place of the bid.			
iii)	In case of discrepancy between unit price and total amount, the unit price shall prevail.			
iv)	Bids shall be evaluated based on total amount without taxes. Taxes shall be extra as applicable.			
v)	The bidder quoting for the above items then the bidder has to comply with all the specifications as prescribed in the BOQ sheet.			

NAME OF WORK		Setting-up of Integrated Innovation Hub
NIT NO		EdCIL/EIS & EPS/PROC/2026-27/Innovation Hub Dated: 30.07.2026
Agency Name		
Summary of BOQ		
S. No.	Description of Items	
1	Innovation Centre for Science and Math (ISCM)	₹ 0
2	DIY Kits	₹ 0
3	Discovery Workshop	₹ 0
4	Astronomy Lab	₹ 0
5	BALA Program	₹ 0
6	Environment and Sustainability Lab	₹ 0
7	Innovative Gamified Educational Tools - Primary (1st to 5th Grade)	₹ 0
8	Embedded & Robotics Lab	₹ 0
Total (Rs.)		₹ 0
Total (Rs.) in Words		

Innovation Centre for Science and Math (ISCM)									
Sr. No.	Model Name/ Principle	Specification	Qty.	Unit	Rate/unit (in Rs.)	Amount (Exclusive of Tax) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
1	Action and Reaction	Newton's 3rd law of motion. For every action there is equal opposite and reaction	1	No.		₹ 0		₹ 0	₹ 0
2	Aerofoil Shape Of Wings Of Aeroplane	Bernoulli's principle. Pressure difference	1	No.		₹ 0		₹ 0	₹ 0
3	Ampere Model	Change in direction of the magnetic field around a straight conductor carrying current.	1	No.		₹ 0		₹ 0	₹ 0
4	Anamorph	Perspective, Viewpoints Illusion and Graphical projection	1	No.		₹ 0		₹ 0	₹ 0
5	Animal Cell	Difference between cells, Parts of cell	1	No.		₹ 0		₹ 0	₹ 0
6	Atomic Kit	Atomic structure and chemical bonding	1	No.		₹ 0		₹ 0	₹ 0
7	Bell Jar Experiment	Sound waves, medium propagation, longitudinal waves	1	No.		₹ 0		₹ 0	₹ 0
8	Bernoulli Balls	Bernoulli's principle. Pressure difference	1	No.		₹ 0		₹ 0	₹ 0
9	Coin movement in cone	Planetary motion, hyperbolic funnel	1	No.		₹ 0		₹ 0	₹ 0
10	Colour Shadow	Combinations of colour lights. Additive mixture of colour. Primary colours.	1	No.		₹ 0		₹ 0	₹ 0
11	Conductors and Insulators	Electrical conductivity Types of conductor and insulator	1	No.		₹ 0		₹ 0	₹ 0
12	Constellation Viewer	Identification and study of Indian constellations About Constellations Stars Pattern	1	No.		₹ 0		₹ 0	₹ 0
13	Coupled Pendulum	Resonant frequency. The resonant frequency depends on the pendulum's length. Longer pendulums have lower frequencies.	1	No.		₹ 0		₹ 0	₹ 0
14	Curie Point	Ferromagnetic material converted into a paramagnetic material due heating	1	No.		₹ 0		₹ 0	₹ 0
15	Day and Night	Cycle of day and night on earth. Shadows. Seasons, angle of tilt.	1	No.		₹ 0		₹ 0	₹ 0
16	DNA	Double helix structure of DNA. A-Tand G-C pairs.	1	No.		₹ 0		₹ 0	₹ 0
17	Doppler's effect	Change Frequency of sound with respect to source and observer	1	No.		₹ 0		₹ 0	₹ 0
18	Ear & Eye	Sense organs Functions of body parts Vision Hearing	1	No.		₹ 0		₹ 0	₹ 0
19	Electric bell	Electric Circuit, Electromagnet and magnetic effects of current	1	No.		₹ 0		₹ 0	₹ 0
20	Electroscope	Types of electric charges, coulomb force	1	No.		₹ 0		₹ 0	₹ 0

21	Floating Ball	Bernoulli's principle. Pressure difference and lift.	1	No.		₹ 0		₹ 0	₹ 0
22	Floating Magnets	Properties of magnet. Attraction in opposite poles and repulsion in like poles	1	No.		₹ 0		₹ 0	₹ 0
23	Fun with Magnets	Types of magnets Magnetic field and properties of field lines.	1	No.		₹ 0		₹ 0	₹ 0
24	Gyroscope	Rotation, Inertia, torque, precession, axis, angular momentum	1	No.		₹ 0		₹ 0	₹ 0
25	Hand Battery	Electric potential difference. Electric battery. Chemical effect of electric current	1	No.		₹ 0		₹ 0	₹ 0
26	Hand Pump	Application of pressure to pump water. Pressure- volume relation.	1	No.		₹ 0		₹ 0	₹ 0
27	Heat Absorption	Black Body, Heat Absorption and Reflection, Colour Temperature	1	No.		₹ 0		₹ 0	₹ 0
28	Hooke's Law	Spring constant, Hooke's law, elastic limit	1	No.		₹ 0		₹ 0	₹ 0
29	Human Joints	Types of joint In human body Bones and ligaments	1	No.		₹ 0		₹ 0	₹ 0
30	Human Kaleidoscope	Angled Mirror Multiple reflection	1	No.		₹ 0		₹ 0	₹ 0
31	Human Torso	Human Body Anatomy Organs Functions of Body parts	1	No.		₹ 0		₹ 0	₹ 0
32	Inclined plane	Friction, inclined plane, acceleration, weight	1	No.		₹ 0		₹ 0	₹ 0
33	Infinity Well	Multiple reflections. Image formation in parallel mirrors.	1	No.		₹ 0		₹ 0	₹ 0
34	KE PE Track	Conversion of energy. Potential and Kinetic energy.	1	No.		₹ 0		₹ 0	₹ 0
35	Kinetic Theory Model	Gas law, kinetic energy, partial pressure	1	No.		₹ 0		₹ 0	₹ 0
36	Lateral Shift	Refraction of light, deviation in path.	1	No.		₹ 0		₹ 0	₹ 0
37	Laws of Reflection	Laws of reflection for plane mirror. Angle of incidence = angle of reflection.	1	No.		₹ 0		₹ 0	₹ 0
38	Lever	Simple Machines Lever. Type of lever.	1	No.		₹ 0		₹ 0	₹ 0
39	Loop The Loop	Conservation of energy. The minimum speed necessary to complete the loop without falling.	1	No.		₹ 0		₹ 0	₹ 0
40	Magic Water Tap	Optical Illusion. Refractive index of medium, refraction	1	No.		₹ 0		₹ 0	₹ 0
41	Magnetic effect of electric current	Magnetism Magnetic effects of electric current. Compass deflection. Oesterd's experiment	1	No.		₹ 0		₹ 0	₹ 0

42	Magnetic Effect Of Electric Current With Galvanometer	Electromagnetic induction, conversion of energy	1	No.		₹ 0		₹ 0	₹ 0
43	Magnetic Field Tube & Immiscible Fluid	Magnetic field and properties of magnets. Density of liquid	1	No.		₹ 0		₹ 0	₹ 0
44	Marble Slide	Conservation of momentum.	1	No.		₹ 0		₹ 0	₹ 0
45	Moment of inertia	Moment of inertia Rotational inertia. Distribution of mass.	1	No.		₹ 0		₹ 0	₹ 0
46	Newton's Disc	White light is made up of 7 colours (VIBGYOR). Splitting of white light.	1	No.		₹ 0		₹ 0	₹ 0
47	Oersted Experiment	Current electricity and magnetism	1	No.		₹ 0		₹ 0	₹ 0
48	Organ pipes	Sound of different frequencies and wavelengths. Musical notes.	1	No.		₹ 0		₹ 0	₹ 0
49	Parrot in the Cage	Persistence of vision. Frames per second. The basic concept of animation.	1	No.		₹ 0		₹ 0	₹ 0
50	Pascal's law	Pascal's law, fluid pressure	1	No.		₹ 0		₹ 0	₹ 0
51	Periodic Table	Periodic law, elements, atomic number	1	No.		₹ 0		₹ 0	₹ 0
52	Pin screen	Pressure Inverse relation of Pressure Area Representation of pixels	1	No.		₹ 0		₹ 0	₹ 0
53	Pulley Block	Pulley- simple machine. Combination of pulley. Mechanical Advantage.	1	No.		₹ 0		₹ 0	₹ 0
54	Radiometer	Electromagnetic radiation, wave property of light	1	No.		₹ 0		₹ 0	₹ 0
55	Ray optics Kit	Combination of lenses, optical centre, image formation	1	No.		₹ 0		₹ 0	₹ 0
56	Reflection Transmission	Application of laws of reflection. Reflection and Transmission of light.	1	No.		₹ 0		₹ 0	₹ 0
57	Resonance	Frequency and length of object, resonating frequency.	1	No.		₹ 0		₹ 0	₹ 0
58	Sand Pendulum	Lissajous figures, superposition of two waves	1	No.		₹ 0		₹ 0	₹ 0
59	Shape of earth due to rotation	Shape of earth Rotational force Centrifugal force	1	No.		₹ 0		₹ 0	₹ 0
60	Solar Light	Conversion of solar energy into electricity. Application of renewable energy sources.	1	No.		₹ 0		₹ 0	₹ 0
61	Tornado	Solar panel, semiconductors Atmospheric disturbances, currents, storms. Vortex of wind.	1	No.		₹ 0		₹ 0	₹ 0
62	Total Internal Reflection.	Total internal reflection, bending of light ray. Optical fibre	1	No.		₹ 0		₹ 0	₹ 0

63	Transformer principle	Mutual induction, magnetic flux.	1	No.		₹ 0		₹ 0	₹ 0
64	Transverse wave pendulum	Mechanical wave. Basic concepts of transverse wave. Actual Representation of vibrating particles and propagating wave	1	No.		₹ 0		₹ 0	₹ 0
65	Van De Graaff Generator	Electrostatics, charges, conversion of energy	1	No.		₹ 0		₹ 0	₹ 0
66	Viscosity Tube	Buoyancy. Viscosity. Density	1	No.		₹ 0		₹ 0	₹ 0
67	Wave Motion	Properties of wave, sinusoidal wave or a transverse wave. The crests and troughs of a wave.	1	No.		₹ 0		₹ 0	₹ 0
68	Weight on different Planets	Mass, weight, acceleration due to gravity	1	No.		₹ 0		₹ 0	₹ 0
69	Wheel and Axle	How it is easy to rotate wheel when force is applied at a point distant from center.	1	No.		₹ 0		₹ 0	₹ 0
70	Wind Mill	Working of wind mill. Conversion of wind energy into electricity.	1	No.		₹ 0		₹ 0	₹ 0
71	Zoetrope	Persistence of vision. Frames per second. The basic concept of motion picture.	1	No.		₹ 0		₹ 0	₹ 0
72	$(A+B)^2 - (A-B)^2 = 4AB$	Geometric illustration of basic algebraic identity.	1	No.		₹ 0		₹ 0	₹ 0
73	$(a+b)^2 = a^2 + 2ab + b^2$	Geometric illustration of basic algebraic identity.	1	No.		₹ 0		₹ 0	₹ 0
74	$(a+b+c)^2 = a^2 + b^2 + c^2 + 2ab + 2bc + 2ca$	Geometric illustration of basic algebraic identity.	1	No.		₹ 0		₹ 0	₹ 0
75	$a^2 - b^2 = (a+b)(a-b)$	Geometric illustration of basic algebraic identity.	1	No.		₹ 0		₹ 0	₹ 0
76	Area of a Circle	Simple illustration of derivation of area of circle	1	No.		₹ 0		₹ 0	₹ 0
77	Area of rhombus	Simple illustration of derivation of area of rhombus	1	No.		₹ 0		₹ 0	₹ 0
78	Area of triangle	Simple illustration of derivation of Area of Triangle	1	No.		₹ 0		₹ 0	₹ 0
79	Centrifuge Puzzle	Centripetal and Centrifugal force.	1	No.		₹ 0		₹ 0	₹ 0
80	Circle and Ball	Newton's first law. Inertia is opposing change in motion. Centripetal force.	1	No.		₹ 0		₹ 0	₹ 0
81	Elliptical Carrom Board	Conic sections. Properties of ellipse.	1	No.		₹ 0		₹ 0	₹ 0
82	Fibonacci series	Sum and sequences	1	No.		₹ 0		₹ 0	₹ 0
83	Hyperbola	Conic sections. Shape of hyperbola.	1	No.		₹ 0		₹ 0	₹ 0

84	Mid-point theorem	Triangles and areas	1	No.		₹ 0		₹ 0	₹ 0
85	Rope Puzzle	Logic and Mathematical shapes study of surfaces	1	No.		₹ 0		₹ 0	₹ 0
86	Sum of angles of Quadrilateral	Sum of angles of Quadrilateral Complete angle	1	No.		₹ 0		₹ 0	₹ 0
87	Sum Of First N Numbers In Arithmetic Progression	Sum of natural numbers	1	No.		₹ 0		₹ 0	₹ 0
88	Sum Of First N Odd Numbers	Sum of odd numbers	1	No.		₹ 0		₹ 0	₹ 0
89	Sum of the angles of a triangle	Elementary theorem of math. "Sum of all three angles of any triangle=180 ° Linear pair.	1	No.		₹ 0		₹ 0	₹ 0
90	Tangram	Interesting tiling puzzle. Basic geometric shapes.	1	No.		₹ 0		₹ 0	₹ 0
91	Tower of Brahma	Puzzle and algorithm	1	No.		₹ 0		₹ 0	₹ 0
92	Tower Of Pisa	Center of mass. Centre of gravity. Gravitation. Stability of structure.	1	No.		₹ 0		₹ 0	₹ 0
93	Cone Run Uphill	Centre of mass.Gravity pulls on the centre of mass of objects.	1	No.		₹ 0		₹ 0	₹ 0
94	Corner Mirror	Multiple reflection. Image formula ($N=360/A - 1$) Angled mirrors.	1	No.		₹ 0		₹ 0	₹ 0
95	Floating Fan	Bernoulli's principle. Air pressure difference	1	No.		₹ 0		₹ 0	₹ 0
96	Force & types of friction	Friction, speed due to surface texture. Rolling Friction.	1	No.		₹ 0		₹ 0	₹ 0
97	Funny mirrors	Distorted mirror. Convex and concave mirrors	1	No.		₹ 0		₹ 0	₹ 0
98	Kaleidoscope	Multiple reflection. Symmetric images. Patterns due to reflection	1	No.		₹ 0		₹ 0	₹ 0
99	Law of Inertia	Newton's first law. Inertia is opposing change in state of rest.	1	No.		₹ 0		₹ 0	₹ 0
100	Lazy Tube	Magnetic Field and Forces, Eddy current, Lenz Law.	1	No.		₹ 0		₹ 0	₹ 0
101	Newton's Cradle	Conservation of energy, conservation of momentum and friction.	1	No.		₹ 0		₹ 0	₹ 0
102	Periscope	Application of laws of reflection. Angle of incidence and angle of reflection	1	No.		₹ 0		₹ 0	₹ 0
103	Plant Cell	Eukaryotic cells Difference between cells Parts of cell	1	No.		₹ 0		₹ 0	₹ 0
104	Refraction Cylinder	Refraction of light Alphabet symmetry	1	No.		₹ 0		₹ 0	₹ 0

105	Rock and Minerals	Different types of rock and mineral samples. Difference between them.	1	No.		₹ 0		₹ 0	₹ 0
106	Area of parallelogram	Simple illustration of derivation of area of parallelogram	1	No.		₹ 0		₹ 0	₹ 0
107	Area of Trapezium	Area of trapezium using parallelogram	1	No.		₹ 0		₹ 0	₹ 0
108	Parking Puzzle	Mathematical logic Algorithm Brain Teaser	1	No.		₹ 0		₹ 0	₹ 0
109	Pythagoras Model & Moire Pattern	Pythagoras theorem and Interference of Light	1	No.		₹ 0		₹ 0	₹ 0
110	Two Congruent Right Triangles	Comparison of area of different geometric shapes. Congruent shapes.	1	No.		₹ 0		₹ 0	₹ 0
111	Catapult	material 1 acrylic 5mm 2 Marble	1	No.		₹ 0		₹ 0	₹ 0
112	Sound transmission of various types of sound waves xylophone	Material 1. Wooden frame 20mm 2. 10mm Aluminium pipe	1	No.		₹ 0		₹ 0	₹ 0
113	Acid, Base and salt	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
114	Anemometer	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
115	Animal Mitosis	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
116	Aurora shows	Materials: 1. Acrylic - 3mm 2. Acrylic - 5mm 3. Hingis 4. Velcro cloth	1	No.		₹ 0		₹ 0	₹ 0
117	Balancing nail	Materials: 1. Acrylic - 3mm 2. Acrylic - 5mm 3. nails	1	No.		₹ 0		₹ 0	₹ 0
118	Bed of nails	Materials: 1. Acrylic - 3mm 2. Acrylic - 5mm 3. nails	1	No.		₹ 0		₹ 0	₹ 0
119	Benham's disc	Material 1.Acrylic 5mm 2. Black Motor 2200 rpm 3.charger 4.regulator 5. On Off Button	1	No.		₹ 0		₹ 0	₹ 0
120	Bernoulli balls	material 1 acrylic 5mm 2 thread 3 blower 4 push button 5 plastic ball	1	No.		₹ 0		₹ 0	₹ 0
121	Change in electrical resistance due to dimension	Materials: 1. Acrylic - 5mm 2. Pipe - 12mm 3. Aluminum Wire - 3 type 4. Push Buttons - 3 5. 12V2 Charger 6. Bulb Holder 7. Bulb	1	No.		₹ 0		₹ 0	₹ 0
122	Circles or oscillatory	Materials acrylic 5mm. Bearing nut bolt	1	No.		₹ 0		₹ 0	₹ 0
123	circullar oscillatory module	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0

124	Combined vision	Mateerial Acrylic 5mm Acrylic 3mm merar plastic plan	1	No.		₹ 0		₹ 0	₹ 0
125	Conservation of momentum marbles slide	Mateerial Acrylic 5mm Sand Paper	1	No.		₹ 0		₹ 0	₹ 0
126	Deficiency Diseases	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
127	Demonstration Dynamo Model	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
128	Demonstration model 4 stroke Petrol Engine	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
129	Density tower-3 layers	Mateerial 1. Sand 2. oil 3. Water	1	No.		₹ 0		₹ 0	₹ 0
130	Depth perception doll	Materials: 1. Acrylic - 5mm 2. Clear Acrylic - 3mm 3. Print	1	No.		₹ 0		₹ 0	₹ 0
131	Depth perception -near and far	Materials: 1. Acrylic - 5mm 2. Acrylic 20mm 3. Pulley 4. Rubber	1	No.		₹ 0		₹ 0	₹ 0
132	Depth percption doll	Materials: 1. Doll - 9inch (Height) 2. Acrylic - 5mm & 3mm 3. Charger 4. Motor	1	No.		₹ 0		₹ 0	₹ 0
133	Drip Irrigation	Materials: 1. Acrylic - 5mm & 3mm 2. Clear - 3mm 3. Pipe - 10mm 4. Tap	1	No.		₹ 0		₹ 0	₹ 0
134	Eerth Layre Module	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
135	Effects of light light travels in a straight line	Materials: 1. Acrylic - 5mm 2. LED 3. cloth	1	No.		₹ 0		₹ 0	₹ 0
136	Electric conductivity of fluids	Materials: 1. Acrylic - 5mm 2. Banana Pin 3. Acrylic pipe 80mm 4. Wire 5. battery	1	No.		₹ 0		₹ 0	₹ 0
137	Finding latitude using pole star	Materials: 1 Acrylic 5mm 1 Acrylic 5mm 1 Acrylic 10mm	1	No.		₹ 0		₹ 0	₹ 0
138	Finding north	Materials 1. Acrylic 5mm 2. Acrylic rod 10mm 3. Compass	1	No.		₹ 0		₹ 0	₹ 0
139	Floatig Indian Rocket to moon	Material 1. Acrylic 5mm 2. Mantets 3. Globe 4. Rubber	1	No.		₹ 0		₹ 0	₹ 0
140	Floating astronaut	Materials 1. Acrylic 3mm 2. Sunboard 3. Magnet 4. MS rod 10mm	1	No.		₹ 0		₹ 0	₹ 0
141	Four leggd walking toy	Materials 1. Acrylic 3mm 2. motor 3. Toggle switch 4. Nut Bolt	1	No.		₹ 0		₹ 0	₹ 0
142	Freely Suspended Magnet	Materials: 1. Clear Acrylic - 5mm 2. Magnet 3. Compass	1	No.		₹ 0		₹ 0	₹ 0
143	Hand Powered Generator	Material: 1. Acrylic - 5mm & 3mm 2. DVD Motor 3. Pulley 4. LED	1	No.		₹ 0		₹ 0	₹ 0

144	Hartl Optical disc	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
145	Heat spiral	Materials: 1. Acrylic - 5mm 2. Aluminium plate 3. Bulb holder 4. Bulb	1	No.		₹ 0		₹ 0	₹ 0
146	Horizon of earth	Materials: 1. Acrylic 5mm 1. Acrylic 5mm 1. Acrylic 10mm	1	No.		₹ 0		₹ 0	₹ 0
147	Human Hart	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
148	Human Respiratory system	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
149	Human Skeleton	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
150	Hydraulic excavator	Materials: 1. Acrylic - 5mm 2. Bering 3. syring 4. Needle	1	No.		₹ 0		₹ 0	₹ 0
151	Hydraulic jack	Materials: 1. Acrylic - 5mm 2. MS rod 3mm 3. Petrol pipe 4. Needle	1	No.		₹ 0		₹ 0	₹ 0
152	Lateral and Longitudinal wave	Material 1. 10 MS rod 2. 3mm rod 3. Spring	1	No.		₹ 0		₹ 0	₹ 0
153	LED Torch	Material 1. Acrylic 3mm 2. LED 3. Battery 4. Push Button	1	No.		₹ 0		₹ 0	₹ 0
154	Levitating pencil	Materials: 1. Pencil 2. Hollow Magnet 20mm 3. Acrylic 5mm 4. Acrylic 3mm	1	No.		₹ 0		₹ 0	₹ 0
155	Immiscible fluids	Materials: 1. Glass Bottle 2. Acrylic 10mm 3. Acrylic 5mm 4. Motor	1	No.		₹ 0		₹ 0	₹ 0
156	Internal reflection tube	Materials: 1. Acrylic - 5mm 2. Acrylic Rod - 12mm 3. Laser Light	1	No.		₹ 0		₹ 0	₹ 0
157	Magic reflection box	Materials: 1. Acrylic - 5mm & 3MM 2. Clear Acrylic 3. Mirror 3mm 4. Black Motor 2200 rpm	1	No.		₹ 0		₹ 0	₹ 0
158	Magical periscope	Materials: 1. Acrylic 5mm 3. Acrylic 3mm 2. 3mm mirror	1	No.		₹ 0		₹ 0	₹ 0
159	Magnetic effect of electric current with compass	Materials: 1. Acrylic 5mm 2. Clear Acrylic 3mm 3. Compassess - 1 4. Compass wire	1	No.		₹ 0		₹ 0	₹ 0
160	Magnetic effect of electric current with compass[2]	Materials: 1. Acrylic 5mm 2. Clear Acrylic 3mm 3. Compassess - 1 4. Compass wire	1	No.		₹ 0		₹ 0	₹ 0
161	Magnetic Field	Material 1. Acrylic 5mm 2. Acrylic 3mm 3. MS plate 4. Magnet	1	No.		₹ 0		₹ 0	₹ 0
162	Magnetic Field Viewer	Materials: 1. Acrylic - 5mm 2. Clear Acrylic - 3mm 3. Magnet - Hollow 50by50 X 1 4. Iron Filaments	1	No.		₹ 0		₹ 0	₹ 0
163	Magnetic field visualization with compassess	Materials: 1. Acrylic 5mm 2. Clear Acrylic 3mm 3. Compassess - 16	1	No.		₹ 0		₹ 0	₹ 0
164	Magnetic lines of force (1)	Materials: 1. Acrylic - 5mm 2. Clear Acrylic - 3mm 3. Magnet - Hollow 50by50 4. Iron Filaments	1	No.		₹ 0		₹ 0	₹ 0

165	Magnetic lines of forces(2)	Materials: 1. Acrylic - 5mm 2. Clear Acrylic - 3mm 3. Magnet - 20mm Hollow Magnet x 2 4. Iron Filaments	1	No.		₹ 0		₹ 0	₹ 0
166	Magnetic lines of forces(3)	Materials: 1. Acrylic - 5mm 2. Clear Acrylic - 3mm 3. Magnet - Solid Magnet 20mm x 2 4. Iron Filaments	1	No.		₹ 0		₹ 0	₹ 0
167	Magnetic lines of forces(4)	Materials: 1. Acrylic - 5mm 2. Clear Acrylic - 3mm 3. Magnet - Horse Shoe x 2 4. Iron Filaments	1	No.		₹ 0		₹ 0	₹ 0
168	Magnetic spring	Material 1. Acrylic 5mm 2. 16mm Acrylic rod 3. Magnet Box 4. Ring magnets	1	No.		₹ 0		₹ 0	₹ 0
169	Measurement of Physical Quantities weighing machine	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
170	Measurement of size of	Materials: 1. Acrylic 5mm 1. Acrylic 5mm 1. Acrylic 10mm	1	No.		₹ 0		₹ 0	₹ 0
171	Magnetic Pendulum	Materials: 1. Acrylic 5mm 2. Acrylic 10mm 3. 25mm Hollow magnet 4. Solid magnet 5. 25mm MS Ball	1	No.		₹ 0		₹ 0	₹ 0
172	Meiotic Cell Division	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
173	Melting Point Apparatus	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
174	Nuclear Chain Reaction	Material 1. 12V charger 2. LED 3. Acrylic 3mm 4. Circuit	1	No.		₹ 0		₹ 0	₹ 0
175	Periodic table of element	Materials: 1. Acrylic - 5mm 2. LED strip 3. Charger	1	No.		₹ 0		₹ 0	₹ 0
176	Phases of Moon	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
177	Phenakistoscope	Materials: 1. Acrylic - 5mm 2. Acrylic rod 10mm 3. Sticky mirror	1	No.		₹ 0		₹ 0	₹ 0
178	Rain gauge without Jar Model	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
179	Satellites	Materials: 1. Acrylic - 5mm 2. Motor 3. Globe 4. SS pin - 10mm	1	No.		₹ 0		₹ 0	₹ 0
180	Satellite	Materials: 1. Acrylic - 3mm 2. LED 3. Charger 4. Resistor	1	No.		₹ 0		₹ 0	₹ 0
181	Set of 10 soil	Material 1. Acrylic 5mm 2. Mirror	1	No.		₹ 0		₹ 0	₹ 0
182	Simple circuits- bulb with switch	Materials: 1. Acrylic - 3mm 2. Acrylic - 5mm 3. Battery 4. Resistor	1	No.		₹ 0		₹ 0	₹ 0
183	Simple circuits- conductors and insulators	Materials: 1. Acrylic - 3mm 2. Acrylic - 5mm 3. Battery 4. Resistor	1	No.		₹ 0		₹ 0	₹ 0
184	Simple Machine	Material 1. Acrylic 5mm	1	No.		₹ 0		₹ 0	₹ 0

185	Simple Machine- to understand the functions of Lever- pulley	Material 1. Acrylic 10mm 2. Pulley 3. Weight 500 gm 4. Thread	1	No.		₹ 0		₹ 0	₹ 0
186	Simple Motor	Material 1. Acrylic 3mm 2. Acrylic 5mm 3. Softy Pin Big 4. 3mm rod MS 5. Copper wire 6. Hollow circular magnet	1	No.		₹ 0		₹ 0	₹ 0
187	Simple telegraph	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
188	Single phase Whimsical Static Machine	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
189	Solar System	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
190	Sound sensor	Materials: 1. Acrylic - 3mm 3. On Off Button 4. Screws 5. Bulb Holder	1	No.		₹ 0		₹ 0	₹ 0
191	space shuttle model	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
192	Steam Engine	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
193	Structure of Atoms	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
194	Sundial	Materials: 1. Acrylic - 3mm 2. Acrylic 5mm 3. Compass	1	No.		₹ 0		₹ 0	₹ 0
195	Surface & vacuum	Material Acrylic 5mm rubber vacuum sensitive paper	1	No.		₹ 0		₹ 0	₹ 0
196	Thaumatrope	Material 1. Acrylic 5mm 2. 12mm Acrylic rod	1	No.		₹ 0		₹ 0	₹ 0
197	The climbing monkey	Material 1 acrylic 10mm rod 2 thread 3 bairing 4 wire	1	No.		₹ 0		₹ 0	₹ 0
198	The ionic border colour boundary	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
199	Torque	Materials: 1. Aluminium rod 2. Thread	1	No.		₹ 0		₹ 0	₹ 0
200	Transformer principle	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
201	Van de Graaff electrostatic generator	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
202	Volume vs Density	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
203	Water Turbine Working Model	To be provided by bidder as per standard educational kit norms	1	No.		₹ 0		₹ 0	₹ 0
204	Which one dances longer	Material 1 Acrylic 5mm 2 bairing 2	1	No.		₹ 0		₹ 0	₹ 0

205	World time	Materials: 1. Acrylic 5mm 2. Globe 3. SS pipe 10mm 4. Motor	1	No.		₹ 0		₹ 0	₹ 0
206	2D Geometrical Shapes	Materials: 1. Acrylic - 5mm 2. Acrylic - 3mm	1	No.		₹ 0		₹ 0	₹ 0
207	a+b whole cube	Materials: 1. Acrylic - 3mm	1	No.		₹ 0		₹ 0	₹ 0
208	Ad= BDxDC	Materials: 1. Acrylic - 5mm 2. Acrylic - 3mm	1	No.		₹ 0		₹ 0	₹ 0
209	Angles of between	Material Acrylic 5mm nut bolt	1	No.		₹ 0		₹ 0	₹ 0
210	Brain-vita	material 1 acrylic 5mm 2 SS Ball	1	No.		₹ 0		₹ 0	₹ 0
211	Circles or balloons	Materials: 1. Acrylic - 5mm 2. Regulator 3. Motor 4. Clamps	1	No.		₹ 0		₹ 0	₹ 0
212	Equilateral triangle to square puzzle	Materials: 1. Acrylic - 5mm 2. Acrylic - 3mm	1	No.		₹ 0		₹ 0	₹ 0
213	Find the bigger curve	Materials 1Acrylic 50mm	1	No.		₹ 0		₹ 0	₹ 0
214	Fraction Strips	Material 1. Acrylic 5mm 2. Acrylic 3mm	1	No.		₹ 0		₹ 0	₹ 0
215	Magic hexagon	Materials: 1. Acrylic - 5mm 2. Acrylic - 3mm	1	No.		₹ 0		₹ 0	₹ 0
216	Make a square out of 3 pairs congruent pieces	Materials: 1. Acrylic - 5mm 2. Acrylic - 3mm	1	No.		₹ 0		₹ 0	₹ 0
217	Marble race	Materials: 1. Acrylic - 5mm 2. 6mm MS rod 3. Marbels	1	No.		₹ 0		₹ 0	₹ 0
218	Math Wheel	Material 1. Acrylic 5mm 2. Acrylic 8mm 3. 60mm acrylic pipe 4. 4mm rods/nuts	1	No.		₹ 0		₹ 0	₹ 0
219	Mirror symmetry	Materials: 1. Acrylic - 5mm 2. Mirror 3mm 3. Acrylic rod 10mm	1	No.		₹ 0		₹ 0	₹ 0
220	Number puzzle game- arrange 1 to 8	Materials: 1. Acrylic - 5mm 2. Mirror 3mm	1	No.		₹ 0		₹ 0	₹ 0
221	Pascal' s triangle	Materials: 1. Acrylic - 5mm 2. Mirror 3mm	1	No.		₹ 0		₹ 0	₹ 0
222	Pegboard puzzle	Materials: 1. Acrylic - 5mm 2. Nut & Bolt	1	No.		₹ 0		₹ 0	₹ 0
223	Plug in 3 holes	Materials: 1. Acrylic - 5mm 2. Wood	1	No.		₹ 0		₹ 0	₹ 0
224	Pythagoras theorem 2	Materials: 1. Acrylic - 5mm 2. Acrylic - 3mm	1	No.		₹ 0		₹ 0	₹ 0
225	Pythgorus 2	Materials: 1. Acrylic - 5mm 2. Acrylic - 3mm	1	No.		₹ 0		₹ 0	₹ 0

226	Set of triangles	Materials: 1. Acrylic - 3mm 2. Acrylic - 5mm	1	No.		₹ 0		₹ 0	₹ 0
227	Sum of angles of traingle with respect to shape of edge	Materials: 1. Acrylic 5mm 2. Acrylic 3mm	1	No.		₹ 0		₹ 0	₹ 0
228	T Puzzle	Material 1. Acrylic 5mm 2. Acrylic 3mm	1	No.		₹ 0		₹ 0	₹ 0
229	the odd dining table	Materials: 1. Acrylic 5mm 2. Sticky Mirror	1	No.		₹ 0		₹ 0	₹ 0
230	Touch & see square	Materials: 1. Acrylic 5mm 2. Acrylic 3mm	1	No.		₹ 0		₹ 0	₹ 0
231	Touch and feel	Materials: 1. Acrylic 5mm 2. 10 type of material	1	No.		₹ 0		₹ 0	₹ 0
232	Understanding pi	Materials: 1 Acrylic 5mm	1	No.		₹ 0		₹ 0	₹ 0
233	Weight balancing scale	Materials: 1 Acrylic 5mm 2. Acrylic 10mm 3. Acrylic 20mm 4. Magnet	1	No.		₹ 0		₹ 0	₹ 0
234	TRAINING OF TEACHERS	Total - 2 visits	2	No.		₹ 0		₹ 0	₹ 0
235	INFRASTRUCTURE	MDF Board (2 ft width) 135 (45*3) pcs Iron Brackets 15(5.3) pcs Electric Casing Switch and Socket 60(20*3)pcs each 30 (10*3) pcs socket box Wodden Bit 42(14*3) pcs of 7.5 ft Steel wall nails (2kg*3) Red & Black Wire 120(40*3) mtr Each 2 MCB 100*2 pcs Screw (1inch)	1	No.		₹ 0		₹ 0	₹ 0
236	Base line & Endline Survey		1	No.		₹ 0		₹ 0	₹ 0
237	Graffity Painting					₹ 0		₹ 0	₹ 0
Total						₹ 0		₹ 0	₹ 0

Science DIY											
S.No.	Model Name/ Principle	Specification	Subject	Used in Classes	Unit	Qty.	Rate/unit (In Rs.)	Amount (Exclusive of Tax) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
1	Geometrical Instrument Box	The set contain a D-Shaped Protractor, adjustable compass, divider, ruler, Pair of set squares and duster. All items are made from plastic.	Math	Class 6, 7, 8, 9	No.	3		₹ 0		₹ 0	₹ 0
2	Geoboard	An 11x 11 grid of pegs on Geoboard with rubber bands can also be used on overhead projector or to trace a polygon given in book with rubber bands, different sizes of rubber bands to enhance creativity.	Math	Class 6, 7, 8, 9	No.	3		₹ 0		₹ 0	₹ 0
3	Magnetic Fraction Disk / Fraction Square	Magnetic fraction circles (complete set of fractional parts), soft foam fraction pieces (colour-coded), magnetic backing on all pieces, storage base/board for arranging fractions, activity/learning guide.	Math	Class 6, 7	No.	3		₹ 0		₹ 0	₹ 0
4	Cuisenaire Strips	Cuisenaire Strip is a collection of rectangular rods, each sized rod in a distinct colours with duly printed number on it. It helps to demonstrate LCM, HCF, Equivalent fractions, addition, subtraction and so on.	Math	Class 6, 7	No.	3		₹ 0		₹ 0	₹ 0
5	Solid Figure Set / Polyhedron and Their Net	A perfect resource to investigate their shapes, faces, vertices, edges, curves and angles with these 12 pieces set of plastic 3D shapes and their Nets. It is used to learn geometry and mensuration facts and formulae.	Math	Class 6, 7, 8	No.	3		₹ 0		₹ 0	₹ 0
6	Triangle Kit & Angle Sum Property of Triangle	This resource includes a triangle with cut outs of its interior angles. This resource allows child to investigate angle sum property of triangle and relation between interior and exterior angles of a triangle. It can be used to demonstrate on magnetic board also.	Math	Class 7, 9	No.	3		₹ 0		₹ 0	₹ 0
7	Pythagoras Theorem	To verify that in a right triangle, the square of the hypotenuse is equal to the sum of the squares of other two sides. It is provided with one plastic right angled triangle with measure (3-4-5)" and set of squares of each of the 3 sides with duly printed grid of each square inches.	Math	Class 7, 8, 9	No.	3		₹ 0		₹ 0	₹ 0
8	Algebra Identity Kit	a ² :- MI Set 1 - blue colour - square, b ² :- MI Set 1 - green colour - square, ab :- MI Set 1 - red colour - rectangle, (a - b) ² :- MI Set 1 - black colour - square, c ² :- MI Set 2 - pink colour - square, ac :- MI Set 2 - yellow colour - rectangle, bc :- MI Set 2 - violet colour - rectangle, a ² :- MI Set 3 - green colour - square, MI Set 3 - brownish colour - one side slanted, b ² :- MI Set 3 - brown colour - square	Math	Class 8, 9	No.	3		₹ 0		₹ 0	₹ 0
9	Volume Relation between Cone, Cylinder, Prism & Pyramid	Size : 10cm x 10cm, Set of 4 Pcs. with Lid	Math	Class 8, 9	No.	3		₹ 0		₹ 0	₹ 0
10	Ring of Theorem / Magic Circle	Ring of theorem is used to investigate the properties and theorems related to circle such as sum of opposite angles of a cyclic quadrilateral is supplementary, angle in a semicircle is a right angle; angles in the same segment of a circle are equal etc. This manipulative is provided with rubber band and reusable storage box.	Math	Class 9	No.	3		₹ 0		₹ 0	₹ 0
11	Number Line - car activity	Acrylic, Thread, Foam	Math	Class 6	No.	3		₹ 0		₹ 0	₹ 0
12	Jar and tokens activity	PVC Sheet, foam counters	Math	Class 6	No.	3		₹ 0		₹ 0	₹ 0
13	Magnetic Fraction Book	Kappa board or Foam, magnetic sheet	Math	Class 6	No.	3		₹ 0		₹ 0	₹ 0
14	Shape Foam Book Activity	Foam	Math	Class 6	No.	3		₹ 0		₹ 0	₹ 0
15	Shapes and Objects Tally Chart	Felt cloth , velcro dots	Math	Class 6	No.	3		₹ 0		₹ 0	₹ 0
16	Number Line with blocks and arrow	Acrylic, Thread, Foam	Math	Class 6	No.	3		₹ 0		₹ 0	₹ 0
17	Number Line - car activity	Acrylic, Thread, Foam	Math	Class 7	No.	3		₹ 0		₹ 0	₹ 0
18	Magnetic Fraction Book	Kappa board or Foam, magnetic sheet	Math	Class 7	No.	3		₹ 0		₹ 0	₹ 0
19	The Animal Vision World	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
20	The Water Saver	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
21	Enemy In The Air	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
22	Spin the Moon Wheel	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
23	The Mystery Family Tree	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
24	Who Eats Who?	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
25	How Do We Go?	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
26	Clean It Up	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
27	Operation Clean Hands!	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
28	Internal System Respiration system Digestive System Circulatory System Nervous System	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
29	Everyday Superstars	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
30	How Do I Feel Today?	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
31	1)Types of Clothes 2)Handloom Making	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
32	Space related 1) Who am I ? 2) Rocket making	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0

33	Liquid Lab	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
34	Earth in Motion	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
35	Planets in Motion	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
36	Air Explorers	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
37	Land Shapes on Map	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
38	Types of House	To be provided by bidder as per standard educational kit norms	Science	Class 5	No.	3		₹ 0		₹ 0	₹ 0
39	Move Your Joints	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
40	Into the Blue	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
41	Natural disaster	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
42	Shadow Art	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
43	Fling-a-thon	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
44	String it up	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
45	Grabber	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
46	Solar Cooker	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
47	Mix and Mesh	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
48	Recycling paper	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
49	Propagation of sound	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
50	Magnetron	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
51	Solar car	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
52	Skeletal system	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
53	Life cycle	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
54	Types of motion	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
55	Density	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
56	Water cycle	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
57	Types of force	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
58	Energy	To be provided by bidder as per standard educational kit norms	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
59	Heat in motion	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
60	Ink-vestigators!	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
61	Mirror Magic!	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
62	Organelles At Work!	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
63	The Energy Pathway	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
64	Zap-yrinth!	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
65	Magnet Lift-Off!	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
66	Race Of The Rotations	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
67	Safe Or Snatched?	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
68	The Dancing Speaker	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
69	The Hidden Rays	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
70	Track The Travel	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
71	Spin To Separate	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
72	Crash And Motion	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
73	Units That Unite	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
74	Jaw Jigsaw	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
75	Cosmic Connect	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
76	The Dancing Light	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
77	Race For Resources	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
78	Pull-To-Move!	To be provided by bidder as per standard educational kit norms	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
79	Guitar, tabla flute, Vibrations Unplugged	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
80	Manometer	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
81	Reflection of light	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
82	Making fun pen	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
83	Physical and chemical changes	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
84	Acid & Base	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
85	The Chemistry of Coating	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
86	The Mystery of the Glowing Drop!	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
87	Explore Your Heartbeat and Lungs	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
88	Observing Homogeneous and Hetrogenous Mixtures	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
89	Journey into the Atom	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
90	The Future of Farming	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0

91	Invisible Charges	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
92	Fluid Adventures	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
93	The Endless Swing	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
94	Health Quest	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
95	The Great Track Challenge	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
96	Atmospheric Pressure - rubber sucker	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
97	Braille	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
98	Circulatory system	To be provided by bidder as per standard educational kit norms	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
99	Acid Base Test	Turmeric powder in half drum (3/4 filled), Filter paper, Small container, Big container, Folding straw, Red litmus, Blue litmus, pH paper, Citric acid in half drum (3/4 filled), Sodium carbonate in one drum bottle (3/4 filled), Static balloon, Phenolphthalein in 5 ml bottle (3/4 filled), Tissue paper, Ear bud, Board pin, Methyl orange in 5 ml bottle (3/4 filled), Small plastic cap, Detergent in half drum bottle (3/4 filled), Milk of magnesia (2 ml in 5 ml bottle), Vinegar in 25 ml bottle (more than 1/2 filled), Vinegar in 5 ml bottle (3/4 filled), Candle 4"	Science	Class 7, 10	No.	3		₹ 0		₹ 0	₹ 0
100	Acid Bases : Water turns Pink and Colourless	Phenolphthalein, sodium bicarbonate, tubes, beaker, dropper bottles, litmus strips	Science	Class 7, 10	No.	3		₹ 0		₹ 0	₹ 0
101	Action Reaction Car	Kit base, Moulded small wheels, Toy motor, 4 Blade Fan, Battery holder, Small Rheostat Patti, Bolts and Nuts	Science	Class 8, 9	No.	3		₹ 0		₹ 0	₹ 0
102	Activities on Heat	Liquid thermometer, HST wire 10", Red food colour in half drum bottle (only 2 pinch), Blue food colour in half drum bottle (only 2 pinch), Microburner, Lab solvent in 25 ml bottle (1/2 filled), Channel 3", Paper punched spiral snake (250 gsm), Candle 4", Foam 1" X 1" (thickness 15 mm), DST piece 1" X 1", Chopstick 10", Kit base, Bolt 3 X 15, Nut M3, Instruction manual – Study of heat	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
103	Air Pressure Activities	Magdeburg's Hemispheres, Laser cut base 7" X 3", with 6 holes with sticker, Laser cut 7" X 5", with 12 holes, Base bush pouch with 4 bushes, 4 bolts and 4 nuts, U tube plastic pipe outer diameter 10 mm length 30" fixed with 2 inch funnel at one end, U tube plastic pipe outer diameter 10 mm length 9", 8" Hard Straw WIP, 5" Hard Straw WIP, Locking strip, Hand glove rubber sheet approximately 5" X 8", L bracket, Bolt M3 X 15, Nut M3, Rubber band 1", Food colour in half drum bottle 1/4 filled, Broad scale 13 - 0 - 13 with 2 DST pieces backside of scale - one at bottom and one above midpoint, Syringe 10 ml	Science	Class 6, 8	No.	3		₹ 0		₹ 0	₹ 0
104	Animal Cell	Yellow 15 mm foam boards 3.5" X 4.5" size, Red foam fine strip of 3 mm width and 10" length, Black foam fine strip of 3 mm width and 3" length, Rectangular foam pieces 3 mm red colour size 15 mm X 20 mm, Big mani with small hole. Bead diameter 10 mm. Pearl or white colour, Valve tube 6" long piece, Tooth picks cut less than half - 2 cm, Any single coloured pearl headed pins (Not Blue), Pearl headed pin Blue, Bigger red or maroon beads, Bigger purple or green bead, Red sleeves 2"	Science	Class 8, 9, 10	No.	3		₹ 0		₹ 0	₹ 0
105	Atomic Configuration	Metal sheet (rounded edges, polished, 147 mm x 165 mm), Front-back electron configuration printed sheet (paste thin double-sided tape on 3 edges of inner side), Small disc magnets, Instruction booklet [B&W] – Atomic Structure	Science	Class 9, 10	No.	3		₹ 0		₹ 0	₹ 0
106	Ball and Soket Joint	1" X 0.5" Wooden batten, length 3" with holes, Red Dabi. Drill hole on cap of 27 mm. Drill hole of 4 mm in base of dabi at centre, Crazy balls with drill of 4 mm through and through, Prints of Rib cage and hand, Small Thermocols Balls. Fill 3/4th red dabi and fill in pouch, Screw 6 x 19, Bolt M4 x 55, Nut M4, Bolt M3 x 15, Nut M3, DST Pieces 0.75" X 1", 1" X 1" foam. Thickness 10 mm. DST on both sides, 1" X 1" foam Thickness 15 mm with DST on both sides, 1 cm X 5 cm PVC patti with 4 mm holes on both sides, Ruber tube patti 5.5 cm X 1.7 cm, Prick holes at 1.2 cm from both sides, 1" X 0.5" Wooden batten, length 6.5" with holes, 1" X 0.5" Wooden batten, length 4" with holes, 1" X 0.5" Wooden batten, length 3.75" with holes with DST,	Science	Class 6, 10	No.	3		₹ 0		₹ 0	₹ 0
107	Bead Microscope and simple slide making	Yeast powder in 1/2 drum bottle (3/4 filled), Blank glass slides, Cover slips (wrapped in double tissue paper), Forceps, Small dropper, Dissection needle, Small container, Tissue papers, Bead microscope (in plastic bag), Tincture iodine in 5 ml bottle	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
108	Bell Making Kit	Laser Cut with Sticker, 9V - 1A Adapter. Cut the male jack and strip the wires and fix red and black crocodile clips to the wires. Check if the adapter is working with bell sample, Solenoid with iron core with M4 bolt on the iron core, Core Sleeve, Wooden piece 2 cm X 1 cm with 3 drills as per sample, Hammer , Bell Gong (dome), 1" L Bracket, Red seven strand wire. Length 7". Red crocodile clips on both sides, Pouch of Base Bush, Bolt M4 x 20, Bolt M4 x 15, Nut M4, Bolt M3 x 20, Screw 6 x 19, Bolt M3 x 50, Nut M3	Science	Class 6, 7, 8, 10	No.	3		₹ 0		₹ 0	₹ 0

109	Blowing Windmill	Kit Base, 3.5" Channel with holes on sidewalls, Locking Strip, Screw Driver, Bolt M3 x 15, Bolt M3 X 25, Nut M3, Base Bush, 4 Blade Ivory Fan, LED Patti, Aluminium Foil 2 cm x 8 cm, 1" x 1" DST, Red LEDs, Dynamo, 12" Red Wire with Crocodile Clip on one side and other side stripped by 1", 12" Black Wire with Crocodile Clip on one side and other side stripped by 1"	Science	Class 5, 9	No.	3		₹ 0		₹ 0	₹ 0
110	Butterfly Insect Activity for Friction	Insect Print, Foam Piece, String, Tubes, adhesive tape, Sunboard 4.5" x 2.5" with 2 DST, Thread piece 12", Sand paper 2.75" x 9", Grey board 2.75" x 9", Art card 2.75" x 9", Spring balance 100 gm, Hover craft and its cap, Small static balloon, Red straw 4", Board pin dabi, B2 hook, Small granules in zip bag	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
111	Catapult Plane and Hovercraft	Catapult Plane Main Body with black nose, Catapult Wings with metal strip inside, Catapult Plane Rudder Part, 2 rubber bands of 3" twisted in one another and stick, Plastic moulded Hovercraft disk. There must be a free hole, Balloon cap, Small Balloons	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
112	Centrifuge and chromatography	Big Kit base, 2.5 cm x 13 cm Laser Cut Batten, Box Cell Holder with DST on flat side. Strip other side of wires approx 1", Locking Strips, Bolt M3 x 10, Nut M3, B6 Hook, Cup Hook, Fast toy motor with 3" wires soldered on terminals and 1" stripped from the other side. Put DST on other side of terminals, Robot Big L Bracket, 1" Pulley with Bush in the centre. Drill 3mm holes in North-South-East-West directions in the groove of the pulley, Red Navratna Oil in 5ml dropper bottle. Fill the bottle 3/4th, Chalk powder in one drum bottle. Fill the bottle completely, Vials with cap of the vials pricked with board pin. Bubble wrap them well, Board pin in one of the vials, black sketchpen, Filter paper, bowl, white chalk, food colour, vial	Science	Class 6, 8, 10	No.	3		₹ 0		₹ 0	₹ 0
113	Colour and Wash Heart. POP Model of heart	Blister of heart interior and exterior, POP 500 gms, crayons	Science	Class 5, 7	No.	3		₹ 0		₹ 0	₹ 0
114	Colour Shadows	Torch, 1" Plastic Ball with 5mm hole, Small Flier Straw 2", Small Flier Straw 1", Plastic Hub, Kit Base, M4 X 75 Bolt and Nut, Round milky glass of kaleidoscope, Round transparent glass of kaleidoscope, Shadow activity paper, Red Gelatin 12" X 6", Blue Gelatin 12" X 6", Green Gelatin 12" X 6", 1" Rubber band, 1" x 2" Foam with DST on top	Science	Class 6, 7, 8	No.	3		₹ 0		₹ 0	₹ 0
115	Comeback Roller and Yoyo	Roller Caps, Bolts M4 x 35, Nuts M4, WIP Tubes, Big Nut, Elastic, Sticks, Yoyo	Science	Class 9	No.	3		₹ 0		₹ 0	₹ 0
116	Daniel Cell	Test tube small, Copper plate 0.8 cm X 4 cm with 3 mm hole on one side, Zinc plate 0.8 cm X 4 cm with 3 mm hole on one side, Red wire 7.5" (7 strand), Black wire 7.5" (7 strand), Red LED, Copper Sulphate in one drum bottle 3/4th filled, Zinc Sulphate in one drum bottle 3/4th filled, Corrugated punched sheet as test tube holder with DST strip, Cotton bundle	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
117	Digestive Colour and Wash and Rice Starch Test	Iodine in 5 ml bottle (3/4 filled), Sugar in half drum bottle (3/4 filled), Vial, Colour and Wash Digestive System 3D blister, Crayons	Science	Class 5, 7, 10	No.	3		₹ 0		₹ 0	₹ 0
118	Do you know nutrients in your food	Iodine in 10 ml dropper bottle, and other chemicals for tests Small plastic bowl 2.5 cm, Vials, Crushed, Ground nuts in one of 4 empty vial, Board pin in one of 4 empty vial, Green gram flour in one drum bottle, Jowar flour in one drum bottle, Dropper, Plastic Spatula, Tissue paper	Science	Class 5, 6, 10	No.	3		₹ 0		₹ 0	₹ 0
119	Drifting Continents and Interior of the earth	Ball, Stickers of Interior of the Earth, Lost Continents Sheet, Base foam sheet for cutting, adhesive	Science	Class 5, 8	No.	3		₹ 0		₹ 0	₹ 0
120	Electrolysis	Big plastic container, 9V battery, Black foam 1" X 3" thickness 10 mm, Red wire 7.5" (7 strand) with crocodile clip on both sides, Black wire 7.5" (7 strand) with crocodile clip on both sides, Carbon pencil 2", Dilute Sulphuric acid in 5ml bottle 3/4 filled, Board pin	Science	Class 8, 10	No.	3		₹ 0		₹ 0	₹ 0
121	Eureka Kit	Measuring cylinder (plastic, 25 ml capacity), Small plastic container, Spring balance (100 gm), Overflow vessel, Plastic scale (6"), Plastic beaker (100 ml), Instruction booklet [B&W] – Eureka, Vial, Salt in 1 drum bottle (3/4 filled), Navratna oil pouch, Crazy ball (2.9 cm diameter approx., soft, bouncing, slightly transparent, floats on water, fixed with B2 hook), Crazy ball (3.3 cm diameter approx., relatively hard, non-transparent, sinks in water, fixed with B2 hook), Small dropper, Steel ball bearings (1/8 number), Assembly of M6 X 40 bolt with 7 nuts, Eraser (3.5 cm x 1.7 cm x 1.0 cm), Cotton thread 88 no (length 24"), Cello tape, Toothpick, Plastic bag (4" X 6"), Tissue papers	Science	Class 5, 9	No.	3		₹ 0		₹ 0	₹ 0

122	Faults and Folds	Three coloured foams sandwiched properly and cut in particular manner, 20ml Syringe with DST on plunger, 20ml Syringe, Casing patti 10cm (2.5cm width) with 1" DST on flat side, Syringe tube 18 inches, 2" x 1" Black foam (thickness-15mm) with 2 inch both side tape attached to one side, 2cm x 2.5cm foam (thickness-15mm) size with 1 inch both side tape attached to one side, WIP Tubes, 7.5" x 5.5" Sunboard with one hole of diameter of 2.2 cm Thickness 5 mm, DST on four corners of sunboard, 7.5" x 5.5" Sunboard. Thickness 5 mm. DST on four corners of sunboard, Spatula	Science	Class 5, 8	No.	3		₹ 0		₹ 0	₹ 0
123	Filtration and Adsorption	Acrylic Cups, Food Colour in half drum bottle, Small Cotton Bundle, Small Dropper, 22 mm good quality filter paper circles, Small chunks of Alum, Big Granite in small container, Medium Granite, Small Granite in small container, Activated Carbon in small container, Big container with drill, Black Funnel	Science	Class 5, 7	No.	3		₹ 0		₹ 0	₹ 0
124	Food Nutrients	Sodium Hydroxide in 10 ml dropper bottle, and other chemicals for tests Small plastic bowl 2.5 cm, Vials, Crushed, Ground nuts in one of 4 empty vial, Board pin in one of 4 empty vial, Green gram flour in one drum bottle, Jowar flour in one drum bottle, Dropper, Plastic Soatula. Tissue paper	Science	Class 5, 6	No.	3		₹ 0		₹ 0	₹ 0
125	Friction Kit	Sunboard 4.5" x 2.5" (with 2 DST), Thread piece 12", Sand paper 2.75" x 9", Grey board 2.75" x 9", Art card 2.75" x 9", Spring balance 100 gm, Hover craft with cap, Small static balloon, Red straw 4", Board pin (dabi), B2 hook, Small granules in zip bag	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
126	From germination to food in plants	Small plastic Containers, Cotton bundle, Magnifier, Stickers, Tissue paper, U clips, Cotton thread 13", Black PVC strip, Board pin, Lab Solvent, Iodine, Hard glass test tube, 25 ml Pasteur Pipette, Round watch glass 2" - - bubble wrap, Chopsticks / wooden stick, Forcep 4", Cello tape, Plastic bag 8" X 6", Test Tube Holder - Apply oil and wrap in plastic	Science	Class 5, 6, 7	No.	3		₹ 0		₹ 0	₹ 0
127	Fun Chemistry : Acids, Basics and Neutralization : Carbon Dioxide Release, Single Displacement Reaction	Set of acids and bases, Balloon, bottle, iron nail, copper sulphate, container, small bowls, blue and red litmus strips	Science	Class 6, 7, 10	No.	3		₹ 0		₹ 0	₹ 0
128	Fun with Chemistry	Lab Solvent in 25 ml bottle, and other chemicals for tests Small plastic bowl 2.5 cm, Vials, Crushed, Ground nuts in one of 4 empty vial, Board pin in one of 4 empty vial, Green gram flour in one drum bottle, Jowar flour in one drum bottle, Dropper, Plastic Spatula, Tissue paper	Science	Class 5, 6, 7	No.	3		₹ 0		₹ 0	₹ 0
129	Fun with Sound	Pitch bottle, Ice cream cups, U pins, Thread gundi, Batten 0.5 x 0.5 length 9" with 4 holes, Screws 6 x 19, Rubber band 1", Static balloon, Big hole paper straws, 4" long DST for Pan flute, Steel spoon, Plastic strip with hole, Kit base, Bolt M3 X 10, Nut M3, Foam piece 1 cm X 2 cm	Science	Class 5, 8, 9	No.	3		₹ 0		₹ 0	₹ 0
130	Greenhouse Gases rise Temperature	300 ml / 500 ml PET bottle (drill hole in cap so thermometer fits tightly), Sodium carbonate powder in 25 ml bottle (fully filled), Alcohol thermometer, Clay (small quantity, not very small), Acid	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
131	Heat and Extinguisher Activities	Candle, Plastic cap, Camphor in zip bag (1 small piece), Magnesium ribbon 1", Watch glass 2.5", Micro burner, Lab solvent 10 ml (fully filled), Test tube holder, Board pin, Punched sheet of spectroscopy, DVD disk piece (1/4 size), Tissue paper, Set of acid and base, Balloon, Bottle	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
132	Heating Effect of Electric Current	Kit base, bulb, bulb holder, battery holder, lugs wires, nichrome wire on rheostat patti	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
133	Herbarium Press	MDF Board 5.5" X 7.5", thickness 8 or 12 mm, with holes on 4 corners of 4.1 mm, Corrugated Sheets 5" X 6", Blotting Paper 5" X 6", Bolt M4 X 65, Wing nut - M4 fitted half way through bolts, Washer for M4 Bolt, Nut M4	Science	Class 5, 6, 7	No.	3		₹ 0		₹ 0	₹ 0
134	How does a cell look	15 mm foam board 3.5" X 5.5", 5 mm Black foam patti width 1" length 19", 5 mm Black foam patti width 7 mm to 8 mm length 12", Rectangular foam pieces 3 mm Red colour size 15 mm X 20 mm, Red foam fine strip of 3 mm width and 6" length, Thickness 3 mm, Big mani with small hole, Bead diameter 10 mm, Pearl or white colour, Pearl headed pin Blue, Green clay small quantity, Valve tube 5" long piece, Bigger Purple or Green bead, Yellow sleeve 2", Any single coloured pearl headed pin (Not Blue), Bigger red or maroon beads	Science	Class 9, 10	No.	3		₹ 0		₹ 0	₹ 0
135	Hydroelectricity	Big Kit base, Channels, Turbine with pulley, Small Pulley, Project Motor, wires with crocodile clips on both sides, bolts and nuts, rubber bands 3", Red Leds, LED Patti, Aluminium Foil thick strips	Science	Class 5, 9	No.	3		₹ 0		₹ 0	₹ 0

136	Infinity Well and Light Activities	Plastic cylinder length 50 cm, OD - with 1 hole of 6 mm from edge at a distance of 7 mm, Rocker Switch, 1" x 2" DST, 9V Snap with wires stripped 1" from both wires, LED Strip 10.5" (CHECK number of patches in the LED patches). Solder red and black wires 5" length. Strip 1" from other side, 9V Battery, coin 85 mm, coin 85 mm, central hole of 64 mm, DST piece of 0.5" X 0.5" at 4 corners from inside, coin 85 mm, central hole of 64 mm, DST piece of 0.5" X 0.5" at 4 corners from outside, Round Mirror Regular 3 mm, diameter 4", Paste two 1" X 2" DST pieces on back side of the mirror as per instructions, Must be packed in bubble wrap, Round Mirror one way blue thickness 4 mm, diameter 4". Must be packed in bubble wrap, Brick Wall Print	Science	Class 6, 7, 8, 10	No.	3		₹ 0		₹ 0	₹ 0
137	Kaleidoscope and Mirror Optics	Coloured Plastic roll length 6", outer diameter 45 mm, Mirror strips 130 mm x 30 mm fully wrapped in bubble or corrugated sheet, printed roll print, Object piece fitted with front cap with printed transparent sticker, Eyepiece, Foam 5 mm thickness - size 1 inch x 6 inch, Transparent round plastic cap, Cello tape, Bangle, plastic granules pouch, Lens rider, Lens holder, Concave mirror, Plane Glass 1.5 x 2 size, Paper scale - 0 to 30, DST 2" X 1", Torch	Science	Class 6, 7, 8, 10	No.	3		₹ 0		₹ 0	₹ 0
138	Know Your Body	Printed sheet of Man, Printed sheet of organs	Science	Class 5, 6, 7, 10	No.	3		₹ 0		₹ 0	₹ 0
139	Levitating Pencil and EM Crane	Foam 3.5" x 5.25" pre punched Thickness 15 mm. 3 Slots. Paste 3.5" x 5.25" Sunboard using Fevibond under the foam on the side where the slots are not punched completely, Hard Filer Straw. Check if the magnets go through it freely, Pencil. Pass 2 ring magnets 17 x 7.5 x 3 mm that pass perfectly through the pencil, pencil cap, Needle 3.5" fixed on a paper strip with cello tape, Ring magnet 17.5 x 7.5 x 3, Disk magnet 25 mm, U Clips Metal, Foam O Rings, Acrylic Piece with 3 dimples. Fix 1 cm x 2.5 cm foam. Thickness 3mm on one end of the piece, 4 Blade Fan colourful, PVC strip 1 cm x 10 cm and 1 cm x 2 cm DST in the centre, Kit Base, 7" Channels, BO Motor, small pulley, motor stud, yoyo thread, nuts and bolts	Science	Class 6, 7, 8, 10	No.	3		₹ 0		₹ 0	₹ 0
140	Lungs Model	Plastic cylinder (with sticker pasted), Y joint (both tubes clear and open), Plastic lid for cylinder (with central hole), Plastic lid with big circular cut (only ring), Small rubber band 0.5", Static balloons, Hand glove piece 7" X 3.5" (entire glove except fingers), Clay in butter paper	Science	Class 7, 10	No.	3		₹ 0		₹ 0	₹ 0
141	Magdeburg's Hemisphere, Tornado, Wind Vane	Kit base, 3.5" channel (drill hole on upper face so stud fits tightly, stud should protrude at least 1 cm, secure using Feviquik), 3D bead (do not drill central hole), Acrylic cut 3 mm arrow head, Acrylic cut 3 mm arrow tail, Laser cut batten, 1" x 0.5" batten (length 1 cm, fix at centre after arrows using Feviquik, drill 3.5 mm hole on 0.5" side at centre), Bolt M3 x 15, Bolt M3 x 65, Nut M3, Magdeburg's hemisphere, Tornado tube, Bottles	Science	Class 6, 8	No.	3		₹ 0		₹ 0	₹ 0
142	Magnetic car and magnetic activities	Kit Base, Moulded Wheels, Axle, Magnets Bar, 3.5" Channel, Magnets, pipes, copper wire, pins, temporary magnet material	Science	Class 6, 7, 8, 10	No.	3		₹ 0		₹ 0	₹ 0
143	Magnetic Digestive System and Skeleton	Magnetic man Print, Print of Organs, Set of 14 Pre-punched Skeleton pieces in plastic bag. All 14 parts must be checked before packing, Blue card with Print of Skeleton, M3 x 15, M3 Nuts	Science	Class 5, 6, 7	No.	3		₹ 0		₹ 0	₹ 0
144	Magnetic Propeller	MDF wooden base 4" X 4" with Duplex Print, thickness 8 mm, with holes at corners for long bolt, 4 holes near centre for M4 bolt and big hole of 25 mm at centre (total no of holes 9), MDF wooden base 4" X 4" with Duplex Print, thickness 8 mm, with holes at corners. Paste assembly of Pin hole disk and washer to the base with Fevikwik at centre, Pencil Natraj with ring magnet in it. Fix pencil cap with fevibond at rear side of the pencil, Bolt M4 x 35, Nut M4, WIP Straws, Bolt M4 X 15, Washer, Plastic M4 - OD - 12 mm, ID - 4 mm, Washer 6 X 19, Foam O Rings, Pin hole disk on to which washer of 6 X 19 to be pasted with Fevikwik, 4 Blade fan any colour, Fan print, Ring magnet 17 x 7.5 x 3 mm, Filer Straw, Frog Print	Science	Class 6, 7, 8, 10	No.	3		₹ 0		₹ 0	₹ 0
145	Magnetism and Electromagnetism	Foam piece 15 mm (0.5" X 2"), M6 x 35 bolt, U clips, Copper wire 25 G (1.5 m, used in DC motor), Card 3" X 3", Iron filings in half drum bottle (1/2 filled), Ring magnets 17 X 7.5 X 3, Foam 3.5" x 5.25" pre punched Thickness 15 mm. 3 Slots. Paste 3.5" x 5.25" Sunboard using Fevibond under the foam on the side where the slots are not punched completely, Hard Filer Straw. Check if the magnets go through it freely, Pencil. Pass 2 ring magnets 17 x 7.5 x 3 mm that pass perfectly through the pencil, pencil cap, Needle 3.5" fixed on a paper strip with cello tape, Ring magnet 17.5 x 7.5 x 3, Disk magnet 25 mm, U Clips Metal, Foam O Rings, Acrylic Piece with 3 dimples. Fix 1 cm x 2.5 cm foam. Thickness 3mm on one end of the piece, 4 Blade Fan colourful	Science	Class 7, 10	No.	3		₹ 0		₹ 0	₹ 0

146	Measurements	6" Plastic scale, 12" Cotton thread, Chopsticks, Toothpicks, Measuring tape, Graph paper, 3" x 4" zip lock bag, Measuring cylinder (25 ml), Big marbles, Spring balance (round, 100 gm)	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
147	Metals and Non Metals Activities	Test tube brush, Test tube holder, Pasteur pipette 3 ml, Plastic spatula, Foam 1" X 2.5" (thickness 10 mm), Small test tube (15 mm X 125 mm), Ice-cream cups (50/100 ml), Cardboard test tube stand, Plastic container (Big no. 22), Red wire 10" (7 strand, with crocodile clips at both ends), Black wire 10" (7 strand, with crocodile clips at both ends), 9V battery, Small plastic bowl (2.5 cm), Red litmus bunch, Blue litmus bunch, Hard small flyer straw 4", Polish paper 2" X 2", Tissue paper, Aluminium sheet 1.5" X 2.5" (gauge 47), Pair of hand gloves, Vial, Board pin, Iron nail 1.5", Magnesium strip 2", Copper plate 0.8 cm X 4 cm (with 3 mm hole on one side), Zinc plate 0.8 cm X 4 cm (with 3 mm hole on one side), Micro burner, Zinc sulphate (solid), Methylene blue (solid), Sodium hydroxide (solid), Sulphuric acid, Lab solvent	Science	Class 7, 10	No.	3		₹ 0		₹ 0	₹ 0
148	Methods of Separation	100 ml PET Bottle, Weather Bowl, Funnel 2", Small Container, Black Sketchpen, MDF wooden batten 1" X 0.5", length 13 cm. batten without holes, Locking Strip, Box Cell Holder with in built switch. Put DST on opposite side of switch, 12.5 cm Good Quality Filter Paper Circle, White Card Sheet 3" x 3", Ring Magnet 17 x 7.5 x 3 mm, Green Food Colour in half drum bottle., Wooden Dust + Iron Filings in half drum bottle. Fill 3/4th the bottle, Salt in half drum bottle. Fill 3/4th the bottle, 3" White Unbroken Chalk. Roll the pouch and secure with rubber band, Oil in 5ml bottle, Fill 3/4th the bottle, Dropper Small., Pulley 1" with bush in the middle and holes of 2.5mm on the groove on opposite sides, Hook B6, Cup Hook, Toy Motor Fast . Fix DST on opposite sides of terminals	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
149	Microscopic World	Blank slides packed in tissue paper or bubble wrap, Round watch glass 2" or 3" - bubble wrapped, Magnifier plastic 50 mm, Board pin, Tissue papers, Dissection needle, Forcep 4", Toothpicks, Cover slips, Small Test tube 15 mm X 125 mm in bubble wrap, Dropper small, Plastic bowl, Razor blade, Eosin Red powder in half drum bottle - Less than half filled, Yeast Powder, Tincture Iodine, Cello tape	Science	Class 7, 8, 9	No.	3		₹ 0		₹ 0	₹ 0
150	Motor Boat	Boat shaped cut sunboard. Thickness 5 mm. Size : 4.5 x 7". Drill holes as per figure 1 and DST on sunboard as per figure 1, 1" x 6" Foam. Thickness 10 mm, 0.5" x 1" Foam. Thickness 10 mm, Bolt M3 x 50, Nut M3, Washer M3, 0.5" x 1.25" Batten. Length 2.75". Drill holes in the batten through and through, Toy Motor with DST on opposite side of terminals, Motor Clamp, Four Blade Fan, Box cell holder with wires stripped around 0.75". Both wires. DST on flat side, 1" x 1" Foam. Thickness 15 mm. DST on one side, 1" X 1" Boat Wall Sticker Strin.	Science	Class 5, 6, 9	No.	3		₹ 0		₹ 0	₹ 0
151	Newton's Disk and Prism	Big kit base, 3.5" Channel, 130mm Round Disk with DST on 4 directions, Colourful Disk Print, Screw Driver, Locking Strip, Battery holder, Bolt M3 x 15, Bolt M3 x 10, Nut M3, Toy motor with white base with DST on side opposite to terminals., 1" Pulley with holes and hydro bush in the centre, equilateral Prism	Science	Class 6, 7, 8, 10	No.	3		₹ 0		₹ 0	₹ 0
152	Newton's Kit	Big washer (OD 25 mm, ID 10 mm), Wheels, Spoke (8 cm length), Small straws (4.5 cm, WIP), Sunboard 2.5" x 5.0" (one DST on one side and 2 DST on the other side as per sample), Static balloon, Thread (gundi), Big marble, Small marble, Folding straw, Casing patti (12" length & 1" width with centre cut to fold), Casing patti (11" length), Black foam piece (15 mm thick, 1" x 1" with DST), Flier straw.	Science	Class 9	No.	3		₹ 0		₹ 0	₹ 0
153	Periscope and shadows	6" Plastic Pipe, Pipe Joining Ring, Paper Protractor, Mirror Holder, Object Piece, R' Print, Flower Print 1, Flower Print 2, 1.25" x 1.25" Mirrors with DST, Torch, 1" Plastic Ball with 5mm hole, Small Flier Straw 2", Small Flier Straw 1", Plastic Hub, Kit Base, M4 X 75 Bolt and Nut, Round milky glass of kaleidoscope, Round transparent glass of kaleidoscope	Science	Class 6, 7, 8, 10	No.	3		₹ 0		₹ 0	₹ 0
154	Photosynthesis	Tissue paper, U clips, Cotton thread 13", Black PVC strip 2" X 1", Board pin, Lab solvent in 50 ml bottle (3/4 filled), Sodium hydroxide in 50 ml bottle (3/4 filled – check concentration), Iodine in 5 ml dropper bottle (sealed in plastic bag – check concentration), Hard glass test tube (bubble wrapped), 25 ml Pasteur pipette, Round watch glass 2" (bubble wrapped), Chopsticks / wooden stick, Forcep 4", Cello tape, Plastic bag 8" X 6", Test tube holder (apply oil and wrap in plastic), Instruction manual [Colour] – Photosynthesis	Science	Class 5, 7	No.	3		₹ 0		₹ 0	₹ 0

155	Pinhole Camera and Infinite Street Light	7.5 cm X 29.5 cm corrugated sheet with 13 mm hole (DST applied on inner side of hole), 7.5 cm X 7 cm road print, Cell holder (DST on one side, wires with female connectors), 2.5" X 3" plane mirror, White LED, 'R' letter print, Half circle paper protractor, Paper punched sheet of outer black box (ensure straight), Paper punched sheet of outer grey box (ensure straight), Front cap with small hole, Cello tape, Pinhole camera instructions	Science	Class 6, 7, 8, 10	No.	3		₹ 0		₹ 0	₹ 0
156	Plant Cell	15 mm foam board 3.5" X 5.5", 5 mm Black foam patti width 1" length 19", 5 mm Black foam patti width 7 mm to 8 mm length 12", Rectangular foam pieces 3 mm Red colour size 15 mm X 20 mm, Red foam fine strip of 3 mm width and 6" length,, Thickness 3 mm, Big mani with small hole. Bead diameter 10 mm. Pearl or white colour, Pearl headed pin Blue, Green clay small quantity, Valve tube 5" long piece, Bigger Purpleor Green bead, Yellow sleeve 2", Any single coloured pearl headed pin (Not Blue), Bigger red or maroon beads	Science	Class 8, 9, 10	No.	3		₹ 0		₹ 0	₹ 0
157	Salt Battery	Small plastic container, Copper plate 0.8 cm X 4 cm with 3 mm hole on one side, Zinc plate 0.8 cm X 4 cm with 3 mm hole on one side, 7" red wire (7 strand), 7" black wire (7 strand), Red LEDs, Common salt 2 tablespoons in pouch, Hot sealed or in zip lock bag	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
158	Science of Sound and Music	Patti (Plastic strip 9.5 cm x 2 cm), Slinky, Long chop stick - 30, Tunning fork 256Hz, thread gundi, Foam 15 mm, 2" X 1", Cello Tape	Science	Class 5, 8, 9	No.	3		₹ 0		₹ 0	₹ 0
159	Science of the body	1" X 0.5" Wooden batten, length 6.5" with holes, 1" X 0.5" Wooden batten, length 4" with holes, 1" X 0.5" Wooden batten, length 3.75" with holes with DST, 1" X 0.5" Wooden batten, length 3" with holes, Red Dabi. Drill hole on cap of 27 mm. Drill hole of 4 mm in base of dabi at centre, Crazy balls with drill of 4 mm through and through, Prints of Rib cage and hand, Small Thermocols Balls. Fill 3/4th red dabbis and fill in pouch, Screw 6 x 19, Bolt M4 x 55, Nut M4, Bolt M3 x 15, Nut M3, DST Pieces 0.75" X 1", 1" X 1" foam. Thickness 10 mm. DST on both sides, 1" X 1" foam Thickness 15 mm with DST on both sides, 1 cm X 5 cm PVC patti with 4 mm holes on both sides, Ruber tube patti 5.5 cm X 1.7 cm. Prick holes at 1.2 cm from both sides.	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
160	Separation Techniques	100 ml PET Bottle, Weather Bowl, Funnel 2", Small Container, Black Sketchpen, MDF wooden batten 1" X 0.5", length 13 cm. batten without holes, Locking Strip, Box Cell Holder with in built switch. Put DST on opposite side of switch, 12.5 cm Good Quality Filter Paper Circle, White Card Sheet 3" x 3", Ring Magnet 17 x 7.5 x 3 mm, Green Food Colour in half drum bottle., Wooden Dust + Iron Filings in half drum bottle. Fill 3/4th the bottle, Salt in half drum bottle. Fill 3/4th the bottle, 3" White Unbroken Chalk. Roll the pouch and secure with rubber band, Oil in 5ml bottle. Fill 3/4th the bottle, Dropper Small , Pulley 1" with bush in the middle and holes of 2.5mm on the groove on opposite sides, Hook B6, Cup Hook, Toy Motor Fast . Fix DST on opposite sides of terminals	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
161	Simple Microscope and slide making flower dissection	Microscope base, Glass holder, Clips, Big arm, lens holding arm, Rack, Assembly, Wheel, Gear, Pinion cap, Mirror stand, Mirror disc, Mirror ring, Lens body, Spacer, 20X cap, Black disc with hole, Convex lens 17 mm, Mirror 52 mm, Round glass 3", Assembly screw 2 mm X 6.5 mm, Slide, Cover slip, Dropper small, Forcep 4", Dissection needle, Tissue papers	Science	Class 5, 6, 7	No.	3		₹ 0		₹ 0	₹ 0
162	Skeleton Making and finger joints	Set of 14 Pre-punched Skeleton pieces in plastic bag. All 14 parts must be checked before packing, Blue card with Print of Skeleton, M3 x 15, M3 Nuts, Strings, Hand Print, connecting Tubes	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
163	Solution and Colloids	Small container, PET (plastic) bottle, Milk of magnesia (5 ml dropper bottle - 1/2), Board pin (in vial), Potassium Permanganate (KMnO4) - half drum bottle 1/4, Torch, Plastic bag - 4" x 6", Barium chloride (BaCl2) - 1 drum bottle 3/4 quantity, Sodium sulphate (Na2SO4) - 1 drum bottle 3/4 quantity, 4 Ended prong (Black), Single ended prong (White), 2 ended prong (Red), Plastic straw for molecules 2.5cm, Spatula, Dropper small, Tissue Paper, Chalk powder half drum bottle - 3/4 quantity, Salt in zip bag	Science	Class 10	No.	3		₹ 0		₹ 0	₹ 0
164	Sound	Balloon, Balloon Blower, Whistling Spinners, Thread, Cups, u clips, pitch bottle, pitch tube	Science	Class 5, 8, 9	No.	3		₹ 0		₹ 0	₹ 0
165	Sound Waves and resonance	Patti (plastic strip 9.5 cm x 2 cm), Slinky, Long chopstick (30 cm), Tuning fork 256 Hz, Thread (gundi), Foam 15 mm (2" X 1"), Cello tape	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
166	Static Electricity	Plastic kit base, 3" steel bracket, 2" steel bracket, L type steel bracket, M4 x 10 bolts and nuts, Thread 2 ft, Acrylic patti 5" x 1" approx, Static balloon, Thermacol balls good big, 3" steel needle, Silk cloth 6" x 6" approx, 15 mm coloured foam 2" x 2", WIP straws, Chop stick, foam 15 mm, 2 cm X 1 cm, bead fixing in choostick	Science	Class 5, 7	No.	3		₹ 0		₹ 0	₹ 0

167	Stethoscope	Flexible plastic tube 1cm OD 18" long, Flexible plastic tube 1cm OD 10" long, Plastic funnel 1" fitted on 18" long tube, Y joint fitting in tubes tightly, Static Balloons , Rubber bands 1", Ear plugs - fit in 2 small flexible tubes	Science	Class 8, 10	No.	3		₹ 0		₹ 0	₹ 0
168	Structure of Eye and Lens Optics	Eye piece cap, Frosted round glass of 3 cm diameter, Plano convex lens 32 mm diameter, Cello tape, Weather bowl red colour , Weather bowl red colour, Black cylinder length 3" with rim on one side, Lens rider , Lens holder , Convex Lens, Paper scale - 0 to 30, DST 2" X 1", Torch	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
169	Study of Flames and Fire	Candle, Magnesium Wire, Metal Tube, Pre Punched cut out, One fourth part of a CD, 6.5" Magnesium Ribbon, Cello Tape, Common Salt in One Drum Bottle. Fill 3/4th in the bottle, Sodium Carbonate, Acid, Bottle, Balloons	Science	Class 9	No.	3		₹ 0		₹ 0	₹ 0
170	Study of Matter and its states	Watch Glass, Black stud, Syringe - 10 mL, Dhoop stick, Plastic beaker - 100 mL, Micro Burner, Lab solvent, Ammonium chloride powder, Plastic funnel, Potassium Permanganate - KMnO4, Cotton, Spatula, Pasture Pipette, 4" filter straw, salt in zip bag, Tissue paper, Foam piece 2 cm X 1 cm, thickness 10 mm, Board pin, Ice Cream cups	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
171	Sundial	Base Plate, Dial Plate, Gnomon, Shadow Pointer, Hour Lines, Centre Point, North Mark, Direction Compass, Angle Support, Time Scale	Science	Class 5, 8	No.	3		₹ 0		₹ 0	₹ 0
172	Syringe and compressions	Syringe, foam, bead, rubber corks, beaker, glass piece, chemicals	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
173	Tectonic Plates	Print of drifting continents, Fevicol tube, Stack of foam pieces (cut in slanted way), Card with 4 Earths print, assembly for tectonic plates	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
174	Teeth Activity	Batten 0.5" X 0.5" with holes (length 4"), 32 teeth print, Pink PVC patti 1.5 cm X 22 cm, 4 types of teeth print set (blue), Rubber band 1", Hook B2, Pink foam 2 cm X 9.5 cm (thickness 15 mm), Teeth information card, Board pin	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
175	Test food for vitamins	Iodine, Citric Acid, containers, small testing bowls, oil, Vials, acids, sodium carbonate, bottle, static balloons	Science	Class 5, 8	No.	3		₹ 0		₹ 0	₹ 0
176	The Lime Water Test and Capacity of your lungs	vials, Calcium Oxide in one drum bottle 3/4 filled, Folding Straw cut at fold, Lungs Bag, Dropper small	Science	Class 5, 6, 7	No.	3		₹ 0		₹ 0	₹ 0
177	Types of Motion	Clock Machine with Rings, Clock Hands Set (1 Hour Hand, 1 Minute Hand, 2 Second Hands), Clock Print, Cardboard Circle, Binder Clamp or Metal Clamp 41 mm, Laser Cut Batten, Hard Crazy Ball (fit one B2 hook on the ball), Hook B2, Cloth Peg, Simple Cotton Thread, Tailoring Tape, Static Balloon, 2" Rubber Band	Science	Class 7, 8, 10	No.	3		₹ 0		₹ 0	₹ 0
178	Types of Reactions	Hydrochloric Acid in 10 mL bottle 3/4 filled, Calcium Chloride in one drum bottle 3/4 filled, Ammonium chloride in 1 drum bottle 3/4 filled, Magnesium ribbon 1" pieces (4 pieces), Test tubes (small), Empty vials, Board pin, Iron nail, Copper sulphate in 5 mL bottle 3/4 filled (liquid), 2 pronged red joint, Small hard tubes for molecule plastic (2.5 cm), 1 pronged white H atom, Tissue papers, Alum crystal in 1 drum bottle half filled, Watch glass, Sodium Carbonate in 1 drum bottle 3/4 filled, Small container, Plastic spatula, Calcium oxide in 1 drum bottle 3/4 filled	Science	Class 6, 7, 8, 10	No.	3		₹ 0		₹ 0	₹ 0
179	U Tube Manometer	Laser cut base 7" X 3", with 6 holes with sticker, Laser cut 7" X 5", with 12 holes, Base bush pouch with 4 bushes, 4 bolts and 4 nuts, U tube plastic pipe outer diameter 10 mm length 30" fixed with 2 inch funnel at one end, U tube plastic pipe outer diameter 10 mm length 9", 8" Hard Straw WIP, 5" Hard Straw WIP, Locking strip, Hand glove rubber sheet approximately 5" X 8", L bracket, Bolt M3 X 15, Nut M3, Rubber band 1", Food colour in half drum bottle 1/4 filled, Broad scale 13 - 0 - 13 with 2 DST pieces backside of scale - one at bottom and one above midpoint, Syringe 10 mL	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
180	Vibration Detector	Laser Cut with Sticker, Pink House Set with Roof, 0.5" x 0.5" Batten. Length 3". Drill holes for 6 x 19 screw from both sides, 9V Battery, Cello tape, 1" x 1" DST, Screws CSK 6 x 19, PCB with Piezo sensor and 9V Snap. Check with 9V Battery	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
181	Water Filtration	Big Granite in small container, Medium Granite, Small Granite in small container, Activated Carbon in small container, Big container with drill, Black Funnel, Acrylic Cups, Food Colour in half drum bottle, Small Cotton Bundle, Small Dropper, 22 mm good quality filter paper circles, Small chunks of Alum	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
182	Working of eye and persistence of vision	Weather bowl red colour , Weather bowl red colour, Black cylinder length 3" with rim on one side, Eye piece cap, Frosted round glass of 3 cm diameter, Plano convex lens 32 mm diameter, Cello tape, Illusion Patti pair, Parrot Caee card. Tube	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
183	World of Electricity	Big Kit Base, Double Cell Holder with lugs, 3.3 V Small Bulbs, Bulb Holder, L Bracket, Switch Patti, Bolt M4 x 15, Nut M4, 7" Red Wire with lugs on both sides, Nut M3, Bolt M3 x 15. Must be CSK	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
184	Potted Plants / Terrarium	Material - Plastic, soil and seeds	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0

185	Sorting Activity Opaque/Transparent	Plastic, wood, acrylic, metal	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
186	Sorting Activity Soluble/Insoluble	Plastic, wooden shavings, salt, sugar, iron filings	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
187	Paper making	Paper shreds, nylon sieve frame, colors	Science	Class 6	No.	3		₹ 0		₹ 0	₹ 0
188	Watercycle In a pouch	plastic zip lock pouch, color	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
189	Flexible Scale and sorting	plastic, wood, acrylic	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
190	Newtons Pendulum	metal ball, metal / wooden frame, nylon strings	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
191	DIY Pinhole Camera	wood	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
192	Shadow Play	Torch, black paper	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
193	Habitat Board Game	kappa board	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
194	Tea Light with Multiple material - Metal strip, wooden strip	tea light, metal, wood	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
195	Marble Race	Corrugation	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
196	Butterfly Pea Flowers Experiment	dried flowers, plastic beaker, plastic dropper	Science	Class 7	No.	3		₹ 0		₹ 0	₹ 0
197	Puffer Fish	Balloons, rubber band, baking soda, citric acid	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
198	Tornado Maker	mdf, motor	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
199	Wireless Charger	foam, copper wire, resistor	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
200	Laser Torch and Plastic Mirror / Prism	Laser torch, mirrors, prism	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
201	Bottle Water Rocket	plastic bottle, filter paper, baking soda, citric acid, cork, wooden stand	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
202	Oil powered Boat	metal, oil	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
203	Balloon in bottle experiment	plastic bottle, balloons, citric acid, baking soda	Science	Class 8	No.	3		₹ 0		₹ 0	₹ 0
204	Earth quake Alarm System	plastic/wood, wires	Science	Class 9	No.	3		₹ 0		₹ 0	₹ 0
205	Static Electricity	PVC pipe, silk cloth, paper shreds	Science	Class 9	No.	3		₹ 0		₹ 0	₹ 0
206	Crystal Tree/ Borax	Plastic beaker, pipe cleaner	Science	Class 9	No.	3		₹ 0		₹ 0	₹ 0
207	Layers Of Liquid in Test tube	Polycarbonate	Science	Class 9	No.	3		₹ 0		₹ 0	₹ 0
208	Jet Set Go Rockets	Kappa board, rubber bands	Science	Class 9	No.	3		₹ 0		₹ 0	₹ 0
209	Sling A Shot	card board cores, stickers, rubber bands	Science	Class 9	No.	3		₹ 0		₹ 0	₹ 0
210	Rubber Band Guitar	plywood, rubber bands	Science	Class 9	No.	3		₹ 0		₹ 0	₹ 0
211	Jurassic Sea Creatures	plastic bowl, shrimp eggs, algae food	Science	Class 9	No.	3		₹ 0		₹ 0	₹ 0
212	Teacher's Training for DIY		Teacher's Training		No.	1		₹ 0		₹ 0	₹ 0
213	Steel Coupboard				No.	2		₹ 0		₹ 0	₹ 0
Total								₹ 0		₹ 0	₹ 0

Discovery Workshop								
Sr. No.	Name	Components	Qty	Rate/unit (in Rs.)	Amount (Exclusive of Tax) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
Electronics Kits -10 Kit Boxes								
1	Breadboard Powersupply	MB102 Breadboard Power Supply Module 3.3V/5V	10		₹0		₹0	₹0
	Breadboard	Standard Breadboard with negative-positive rails on both side (LONG)						
	Resister Kits Values:	Assorted Box						
	LEDs Kit	RGB LEDs (4 Pin Tri Color Diffused Light Lamp LED Diode Rgb)- set of 5						
		Red LEDs - set of 10						
		White LEDs - set of 10						
		Blue LEDs - set of 10						
		Green LEDs - set of 10						
	Basic Components	Push Buttons 4pin - set of 5						
		Potentiometer - 10K ohm Variable Resistor - Trimpot (RM065 Package) blue - set of 5						
		5V Active Electromagnetic Buzzer (Buzzers Indicator, Internally Driven Magnetic 5 V 30mA 2.4kHz 85dB @ 5V, 10cm Through Hole PC Pins) - set of 5						
		Capacitor 1000uf/25V						
	Battery And Clips	9v Battery Clips - set of 2						
		9v Battery Clips - set of 2						
	Wires	Jumper Wires (Male -Male) set of 40						
	Wires	Jumper Wires (Male -female) set of 40						
	Adapter	9v - 12v adapter plug						
	Container box	Vol- 1850 ML Box						
	Diode	1n4007 - set of 2						
		1n4001 - set of 2						
		slide switch - set of 2						
	Transistors	BC547 - set of 5						
		BC557 - set of 5						
		2n2222 - set of 5						
	555 Timer IC	555 ic - set of 2						
		Transistor np122						
		Potentiometer 1k						
motor fan								
Capacitor	470uf - set of 2							
	10uf - set of 2							
	0.1uf - set of 2							
Robotics Kits -10 Kit Boxes								
2	Robot Structure	2 Wheels Chassis acralyic	10		₹0		₹0	₹0
		BO Motors - set of 2						
		BO Wheels - set of 2						
		Castrol Wheel						
	Develop Development Board	Arduino Uno + USB						
		L298n Motor Driver						
	Breadboard	Mini Breadboard 400 point (MINI)						
	Wires Kits	Jumper Wires (M-M) (Pack of 40)						
		Jumper Wires (F-F) (Pack of 40)						
		Jumper Wires (F-M) (Pack of 40)						
		Single Strand Hookup Wire - 22AWG (Gauge) - Red 5 metre						
		Single Strand Hookup Wire - 22AWG (Gauge) - Black-5 metre						
	Sensors	IR Proximity Sensor - set of 2						
		Bluetooth Module (HC-05)						
		Ultrasonic Sensor						
		Servo Motor						
	Stationary	Small Mini Boat On/Off Rocker Switch						
		tester and screwdriver						
		Robotics Nuts and Bolts kit for (5*3) chassis - set of 3						
	Battery And Clips	Double Sided Tape						
		Black Insulation Tape						
		9v Battery - set of 2						
		9v Battery Clips - set of 2						
		HONGLI 3.7V 1200mah 4.44Wh ICR-18650 Li-ion Cell						
		Rechargeable Battery - set of 3						
		3.7 v battery holder of 3 batteries						
	Container box	Vol- 1850 ML Box						
Advanced Robotics								
3	Pluto 1.2	Drone kit	2		₹0		₹0	₹0
		B type Charger for 3.7 volt battery charging (micro type)	2		₹0		₹0	₹0
	Otto Robot	Humanoid robot	5		₹0		₹0	₹0
MIT App Development								
4	Smart Phones	Android Smart phone build in Wi-Fi, Bluetooth with 2GB RAM, android version 7 + along with 3mm Audio Jack earphones	5		₹0		₹0	₹0

3D Printer																
5	3D Printer	WOL3D Creality Ender 3 V3 KE 3D Printer, 500mm/s MAX Printing (With SD card , card reader, and adapter socket conversion)	1		₹0		₹0	₹0								
	Filament	PLA 1Kg orange / blue 1.75 mm PLA 1Kg Yellow 1.75 mm														
	Coverion plug 3 pin	16 amp converter for 3 pin socket														
	Container box	700ml														
Tools and Safety Kit																
6	Solder & Prototype Kit	Soldering Gun Soldering Paste Soldering Wire - 500gm Heat Shrink Tube (1 Meters)	1		₹0		₹0	₹0								
	Tools	Wire Stripper Power Strip extension board - set of 2 Multimeter - set of 2 Mini Screwdriver with Star Head - set of 2 Tester - set of 2 3.7 battery charger - set of 2 Glue Gun With 10 Sticks														
		Container Box							5500 ML							
		Teacher's kit														
		7							Manuals	All Modules	1		₹0		₹0	₹0
									Notepad							
									Teachers pouch	(1 eraser/1 Shapner/2 Pencil/2 Pen)						
									Pencil Box	Apsara Pencil Box						
	Stapler								Kangaroo							
	Stapler pinbox								Kangaroo							
Long Scale	30Cm															
Double slided tape	Big															
Electrical tape	Black															
Scissors	Scissors															
HDMI Cable																
HDMI to HDMI Converter																
Power Adapter	HEC 2.0 5V 1A															
USB Card reader	USB 2.0															
Container Box	5500 ML															
Header pins	Male Header-40Pins -set of 5 Female Header-40Pins -set of 5															
SD Card	8GB															
IOT(internet of things) Kit - 10 Kit Boxes																
8	Sensor	NodeMCU (ESP8266)	10		₹0		₹0	₹0								
		Breadboard														
	LEDs Kit	RGB LEDs (4 Pin Tri Color Diffused Light Lamp LED Diode Rgb) -set of 5 Red LEDs -set of 5 Green LEDs														
	Sensors	I2C 16x2 LCD Soil Moisture Sensor DHT11 Temperature & Humidity Sensor Relay Module Water Pump Ultrasonic Sensor (optional, for obstacle detection)														
		Transistors							NPN Transistors (3x) or MOSFETs Resistors (330Ω or appropriate value for base/gate current limiting)(piece of 5)							
									Motors	Motor Driver (L298N or similar) DC Motors (2x) -set of 2						
		Kit								Robot Car Chassis Kit						
		Battery And Clips							9v Battery -set of 3 9v Battery Clips -set of 3							
									Raspberry Pi							
	9	Raspberry Pi Model 5							Raspberry Pi 5 with Rasperry Pi Adapter	1		₹0		₹0	₹0	
		HDMI to VGA Converter							HDMI to VGA							
		Micro SD Card (Min 32 GB)							SD Card - 128 GB							
		Micro SD Card Reader							SD Card Reader							
		Adapter							Rasperry Pi 5 Adapter 27W							
		Micro HDMI to HDMI Cable							HDMI Cable (Micro to HDMI)							
Monitor with HDMI Input		Monitor with HDMI Input														
USB Keyboard and Mouse		Keyboard and Mouse														
Breadboard		set of 5														
LED		Red LEDs -set of 20 GREEN -set of 20 YELLOW --set of 20														
		Jumper Wires	Male - Male (Pack of 40) Female - Female (Pack of 40) Male - Female (Pack of 40)													
			Temperature Sensor	DHT11												
10			LAPTOP	Operating system : windows 10+, 8GB/ 512 SSD Drive, Processor Intel core i3, generation 9 and 9+, HDMI port (Brands - Lenovo,HP,Dell etc.)	5		₹0		₹0							₹0

Furniture Item in the Lab								
11	CHAIR	8 QTT CHAIR	1		₹0		₹0	₹0
	TABLE	2 QTT TABLE						
	ALMIRAH	1 QTT ALMIRAH						
12	Graffity Paninting		1		₹0		₹0	₹0
13	Training		1		₹0		₹0	₹0
14	Study Book for the lab	as per lab requirement	1		₹0		₹0	₹0
Total					₹0		₹0	₹0

Astronomy Lab									
S. No	Name of Items	Specification	Qty	Unit	Rate/unit (in Rs.)	Amount (Exclusive of Tax) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
A Astronomy Lab Models									
1	Astronaut fibre model of 5' height		1	No.		₹ 0		₹ 0	₹ 0
2	Interior of the Sun model	Fibre and wooden base	1	No.		₹ 0		₹ 0	₹ 0
3	(Earth diameter 10")Illuminated Earth model	Fibre and wooden base	1	No.		₹ 0		₹ 0	₹ 0
4	Glowing Moon model	Fibre, print, light and wooden base	1	No.		₹ 0		₹ 0	₹ 0
5	Mars 3 D globe	Globe, print and acrylic structure-base	1	No.		₹ 0		₹ 0	₹ 0
6	How eclipses occur ? Model	Balls, print, motor, on-off button, acrylic/wooden base	1	No.		₹ 0		₹ 0	₹ 0
7	Annular and Total Solar Eclipse model	Acrylic structure, motor, base, on-off button	1	No.		₹ 0		₹ 0	₹ 0
8	Celestial globe model	Globe, acrylic base Print	1	No.		₹ 0		₹ 0	₹ 0
9	Illuminated Sky globe model	Globe, light, print, acrylic base	1	No.		₹ 0		₹ 0	₹ 0
10	Celestial coordinates model	Fibre, acrylic base and print	1	No.		₹ 0		₹ 0	₹ 0
11	Wall mounted Tarangan (Planisphere) model	Fibre, acrylic base and print	1	No.		₹ 0		₹ 0	₹ 0
12	Sun's path model	Acrylic structure, base and print	1	No.		₹ 0		₹ 0	₹ 0
13	Ray diagram of Newtonian telescope model	Acrylic structure, base and print	1	No.		₹ 0		₹ 0	₹ 0
14	Parallax mehtod of star distance model	Acrylic structure, base and print	1	No.		₹ 0		₹ 0	₹ 0
15	Dispersion of light model	Acrylic, glass and laser	1	No.		₹ 0		₹ 0	₹ 0
16	Newton's disk model	Color disk, acrylic structure, dvd motor, adapter, regulator with nob & on-off button	1	No.		₹ 0		₹ 0	₹ 0
17	Geostationary satellite model	Acrylic body, acrylic base, motor, on-off button	1	No.		₹ 0		₹ 0	₹ 0
18	Polar satellite model	Acrylic body, acrylic base, motor, on-off button	1	No.		₹ 0		₹ 0	₹ 0
19	Indian satellite - Kalpana 1 model, Aryabhata and Mars Orbiter	Fibre, motor and wooden base	1	No.		₹ 0		₹ 0	₹ 0
20	ISRO scale models of GSLV Mk II, PSLV and satellite launch station model	Fibre, motor and wooden base	1	No.		₹ 0		₹ 0	₹ 0
21	GMRT dish antenna model	Fibre, print and base wooden	1	No.		₹ 0		₹ 0	₹ 0
22	Motorized 3D solar system model	Globe, motor, on-off button, print, acrylic structure	1	No.		₹ 0		₹ 0	₹ 0
23	Weight on different planets	Metalic strucutre, sunboard sheet, different weight	1	No.		₹ 0		₹ 0	₹ 0
24	Space 4 D flash cards	Flash card and print	1	No.		₹ 0		₹ 0	₹ 0
25	10 x 50 Binocular for Astronomy	Binocular	1	No.		₹ 0		₹ 0	₹ 0
26	Dobsonian 150 mm telescope	Dobsonian telescope	1	No.		₹ 0		₹ 0	₹ 0
27	Satellite communication	Acrylic structure, Electronic circuit base and print	1	No.		₹ 0		₹ 0	₹ 0
28	Lunar distance using lazer model	Acrylic structure, Electronic circuit base and print	1	No.		₹ 0		₹ 0	₹ 0
29	Phases of Moon	Acrylic body, wooden base	1	No.		₹ 0		₹ 0	₹ 0
30	Locating Pole star	Acrylic disk, wooden base, print and electrical circuit	1	No.		₹ 0		₹ 0	₹ 0
31	Dobsonian 30076 Telescope with table top mount for sky watchong and Solar observation	Dobsonian telescope	1	No.		₹ 0		₹ 0	₹ 0
32	Set of 10 3D posters	Sunboard, printed vinyl matter	1	No.		₹ 0		₹ 0	₹ 0
33	Set of 10 3D goggles	Acrylic and plastic frame	1	No.		₹ 0		₹ 0	₹ 0
34	Green Lazer pointers 2 Qty	Metal and electronic components	2	No.		₹ 0		₹ 0	₹ 0
B Activity kits, tab, books etc.									
35	Tarangan dial		20	No.		₹ 0		₹ 0	₹ 0
36	Spectroscope kit		20	No.		₹ 0		₹ 0	₹ 0
37	Telescope making kit		20	No.		₹ 0		₹ 0	₹ 0
38	Star projection		5	No.		₹ 0		₹ 0	₹ 0
39	Astrolabe		20	No.		₹ 0		₹ 0	₹ 0
40	Star chart Northern and Southern hemisphere		10	No.		₹ 0		₹ 0	₹ 0
41	Books on Astronomy		1	No.		₹ 0		₹ 0	₹ 0
42	Tab		1	No.		₹ 0		₹ 0	₹ 0
C	Transportation & Installation (May change as per distance and numbers)	Transportation of goods, conveyence of staff & installation of lab	1	No.		₹ 0		₹ 0	₹ 0
D	Backgrounds	Wall and Roof wallpapers and other wall finishing work (depends on size of hall)	1	No.		₹ 0		₹ 0	₹ 0
E	Training	Orientation of the project to the teachers	1	No.		₹ 0		₹ 0	₹ 0
F	Infrastructure	Table Platform, electrical points & wiring	1	No.		₹ 0		₹ 0	₹ 0
G	Base line & Endline Survey		1	No.		₹ 0		₹ 0	₹ 0
Total						₹ 0		₹ 0	₹ 0

BALA BOQ & Specifications									
S. No.	Interventions	Unit	Tentative Size	Total Size in sqft / Quantity	Unit Rate (Rs.)	Amount (Exclusive of GST) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of GST) (Rs.)
A For Classroom									
Measures Around Us									
1	Horizontal Scale	sqft	6X1	6		₹ 0		₹ 0	₹ 0
2	Vertical Scale	sqft	6X1	6		₹ 0		₹ 0	₹ 0
3	Concept of Big & Small (through Physical Interventions)	sqft	4X5	20		₹ 0		₹ 0	₹ 0
Angles Around Us									
4	Door Angle Protractor	sqft	2X2	4		₹ 0		₹ 0	₹ 0
5	Highlighting Naturally Occurring Angles in classroom	sqft	2X2	4		₹ 0		₹ 0	₹ 0
Symmetry Around Us									
6	Symmetry in the Built Elements	sqft	4X4	16		₹ 0		₹ 0	₹ 0
Colour Teasers									
7	Fan Colour Wheels	No	4X4	16		₹ 0		₹ 0	₹ 0
8	Rainbow on Floor/ Wall of the classroom or Corridor	sqft	6X6	36		₹ 0		₹ 0	₹ 0
Map Your World (painted on Classroom door/ wall/ Table/ Floor)									
9	Map of the Classroom	sqft	2X2	4		₹ 0		₹ 0	₹ 0
10	Map of the School	sqft	4X4	16		₹ 0		₹ 0	₹ 0
11	Map of the Neighbourhood / Village	sqft	4X4	16		₹ 0		₹ 0	₹ 0
12	Map of the City / District	sqft	5X5	25		₹ 0		₹ 0	₹ 0
13	Map of State	sqft	5X5	25		₹ 0		₹ 0	₹ 0
14	Map of Country	sqft	6X6	36		₹ 0		₹ 0	₹ 0
15	Map of the World	sqft	10X10	100		₹ 0		₹ 0	₹ 0
Time Devices									
16	Wall Clock	no	2X2	4		₹ 0		₹ 0	₹ 0
Number Lines									
17	Wall Number Line Tiles	sqft	1X10	10		₹ 0		₹ 0	₹ 0
Place Value Chart									
18	Place Value Chart on Wall	sqft	3X4	12		₹ 0		₹ 0	₹ 0
Activity Boards and Surfaces on Walls									
19	Geometrical Pattern /Shapes	sqft	1X1X10	10		₹ 0		₹ 0	₹ 0
20	Shape Poem Board	sqft	3X4	12		₹ 0		₹ 0	₹ 0
B For Corridors									
Measures Around Us									
21	Horizontal Scale	sqft	6X1	6		₹ 0		₹ 0	₹ 0
22	Vertical Scale	sqft	6X1	6		₹ 0		₹ 0	₹ 0
Symmetry Around Us									
23	Symmetry in mirror images	LS	1 no. with mirror size of 3X1 ft	1		₹ 0		₹ 0	₹ 0
24	Symmetry in Geometrical shapes	sqft	4X4	16		₹ 0		₹ 0	₹ 0
Inverted Images									
25	Inverted Images on mirror	LS	1 no. with mirror size of 3X1 ft	1		₹ 0		₹ 0	₹ 0
Cycles Around Us									
26	Phases of Moon	sqft	5X5	25		₹ 0		₹ 0	₹ 0
27	Cycle of seed germination	sqft	5X4	20		₹ 0		₹ 0	₹ 0
28	Water Cycle	sqft	5X4	20		₹ 0		₹ 0	₹ 0
29	Food Chain	sqft	5X4	20		₹ 0		₹ 0	₹ 0
Number Lines									
30	Conversion of money units	sqft	4X3	12		₹ 0		₹ 0	₹ 0
31	Understanding Symbols (+ - x =><)	sqft	4X3	12		₹ 0		₹ 0	₹ 0
Writing Aids									
32	Understanding of Consonant &	sqft	5X4	20		₹ 0		₹ 0	₹ 0
33	General signage	sqft	3X5	15		₹ 0		₹ 0	₹ 0
Visuals Around Us									
34	Expressions	sqft	4X4	16		₹ 0		₹ 0	₹ 0
35	Some Interesting Figures on Door/ Almirah Shutter viz. Healthy habits	sqft	4X4	16		₹ 0		₹ 0	₹ 0
C Outdoor									
36	Planetary Orbits / Solar System	sqft	6X4	24		₹ 0		₹ 0	₹ 0
37	Stairs- Painting of Numbers	sqft	2X1X10	20		₹ 0		₹ 0	₹ 0

38	Concrete Ground - Snake and Ladder for healthy habbit as well as learning numbers (Snake as unhealthy habbit and ladder as healthy habbit)	sqft	14X14	196		₹ 0		₹ 0	₹ 0
39	Tyre Playground alongwith 5 tyres to play with in sand	LS	1 no. with two swings	1		₹ 0		₹ 0	₹ 0
40	Labelling the trees	LS	20nos.	1		₹ 0		₹ 0	₹ 0
41	Stapu frame	sqft	2X10	20		₹ 0		₹ 0	₹ 0
42	Gintara on Window/ Abacus	LS	3+3m	1		₹ 0		₹ 0	₹ 0
43	Pipe Phone	LS	20m	1		₹ 0		₹ 0	₹ 0
44	Mazes	sqft	4X4X2	32		₹ 0		₹ 0	₹ 0
45	Play of Sunlight - light passing through grills forming shapes on wall /floor,	LS	20	1		₹ 0		₹ 0	₹ 0
46	Tangram Tiles	LS	20	1		₹ 0		₹ 0	₹ 0
47	Grid and Dot board on floor/walls	sqft	4X4X2	32		₹ 0		₹ 0	₹ 0
48	Country Name, Flags and Currency	sqft	4X6	24		₹ 0		₹ 0	₹ 0
49	Practice Board for writing/ having dotted letters on the board	sqft	4X3X4	48		₹ 0		₹ 0	₹ 0
50	Fraction Walls forunderstanding of fractions	sqft	5X5	25		₹ 0		₹ 0	₹ 0
Total						₹ 0		₹ 0	₹ 0

Environment and Sustainability										
Component No.	S. No.	Model Name/ Principle	Specification	Qty.	Unit	Rate/unit (Rs.)	Amount (Exclusive of Tax)	Taxes (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
1. Models Grade 5-10	1	Rain Water Harvesting	Made of 5 mm thick brown acrylic, measuring 646.80 mm × 634.23 mm, with single-side printing, where the artwork is pasted before precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	2	Food Chain	Made of 5 mm thick white acrylic, measuring 498 mm × 521.78 mm, with single-side printing and precision laser-cut finish.	1	nos.		₹ 0		₹ 0	₹ 0
	3	Water Cycle	Made of 5 mm thick brown acrylic, measuring 631.94 mm × 582.22 mm, with single-side printing, where the artwork is pasted before precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	4	Photosynthesis	Made of 5 mm thick black acrylic, measuring 530.82 mm × 405.99 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	5	Soil Profile	Made of 5 mm thick clear acrylic, measuring 562.17 mm × 411.22 mm, with single-side printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	6	Structure of Atmosphere	Made of 10 mm thick blue acrylic, measuring 332.99 mm × 175.58 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	7	Pyrolysis	Made of 5 mm thick black acrylic, measuring 372.80 mm × 522.72 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	8	Nuclear Power Plant	Made of 5 mm thick white acrylic, measuring 572.06 mm × 353.85 mm, with single-side printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	9	Solar Powered House	Made of 5 mm thick brown acrylic, measuring 657.43 mm × 641.79 mm, with single-side printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	10	Solar Geyser	Made of 5 mm thick black acrylic, measuring 602.41 mm × 397.93 mm, with single-side printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	11	Wind Turbine	Made of 5 mm thick brown acrylic, measuring 309.40 mm × 328.25 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	12	Electric Compost Bin	Made of 5 mm thick white acrylic, measuring 358.44 mm × 125.14 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	13	Migration Model	Made of 5 mm thick white acrylic, measuring 453.36 mm × 429.37 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	14	Tsunami	Made of 5 mm thick blue acrylic, measuring 407.14 mm × 270.66 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	15	Water purification	Made of 5 mm thick white acrylic, measuring 434.57 mm × 297.35 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	16	Incinerator	Made of 5 mm thick clear acrylic, measuring 966.36 mm × 555.40 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	17	Habitat model	Made of 5 mm thick brown acrylic, measuring 423.66 mm × 403.31 mm, with single-side printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	18	Day & Night Apparatus	Made of 5 mm thick black acrylic, measuring 303.15 mm × 264.36 mm, with single-side printing, where the artwork is pasted before precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	19	Rock Cycle	Made of 5 mm thick clear acrylic, measuring 628.15 mm × 735.52 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	20	Natural Disaster	Made of 5 mm thick black acrylic, measuring 562.11 mm × 562.85 mm, with single-side printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	21	Agriculture	Made of 5 mm thick black acrylic, measuring 501.44 mm × 299.87 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	22	Aquaponic	Made of 5 mm thick black acrylic, measuring 322.84 mm × 186.51 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	23	Coral Model	Made of 5 mm thick black acrylic, measuring 562.11 mm × 562.85 mm, with single-side printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	24	Ecosystem	Made of 5 mm thick black acrylic, measuring 313.74 mm × 329.67 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	25	River System	Made of 5 mm thick black acrylic, measuring 307.52 mm × 223.26 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	26	Rain Shadow Area	Made of 5 mm thick clear acrylic, measuring 1013.41 mm × 502.38 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	27	Rocks and Minerals	Made of 5 mm thick clear acrylic, measuring 432.48 mm × 370.33 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	28	Mangroves	Made of 5 mm thick clear acrylic, measuring 575.96 mm × 334.81 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	29	Phytoremediation	Made of 5 mm thick blue acrylic, measuring 256.84 mm × 451.84 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	30	Solar Irrigation	Made of 5 mm thick clear acrylic, measuring 558.14 mm × 591.49 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	31	Drip Irrigation	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	32	Energy Distribution	Made of 5 mm thick clear acrylic, measuring 653.91 mm × 590.84 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	33	Geothermal Energy	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	34	Turbulent Orb	Made of 10 mm thick green acrylic, measuring 144.32 mm × 152.26 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	35	Land Fill	Made of 5 mm thick black acrylic, measuring 524.45 mm × 312.83 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	36	Seed Germination	Made of 5 mm thick clear acrylic, measuring 363.11 mm × 283.32 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	37	Green house	Made of 5 mm thick clear acrylic, measuring 596.67 mm × 629.15 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	38	Parabolic Cooker	Made of 5 mm thick clear acrylic, measuring 627.08 mm × 596.53 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	39	Solar System	Material: Plastic	1	nos.		₹ 0		₹ 0	₹ 0
	40	Seasonal Apparatus	Material : MDF Size in mm :204.01 mm by 127.21 mm	1	nos.		₹ 0		₹ 0	₹ 0
	41	Cyclone	Material: Acrylic	1	nos.		₹ 0		₹ 0	₹ 0
	42	Volcano	Made of 5 mm thick clear acrylic, measuring 627.08 mm × 596.53 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	43	Sismograph	Material - Acrylic Paper rolls Pen On Off Button Wires 5-6 Rpm Motor	1	nos.		₹ 0		₹ 0	₹ 0
	44	Phases of moon	Made of 5 mm thick clear acrylic, measuring 627.08 mm × 596.53 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	45	Biogas	Made of 5 mm thick clear acrylic, measuring 627.08 mm × 596.53 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	46	Box Cooker	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	47	Air Pollution	Made of 5 mm thick clear acrylic, measuring 653.91 mm × 590.84 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	48	Solar EV	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0

	49	Rain Gauge	Made of 10 mm thick green acrylic, measuring 144.32 mm × 152.26 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	50	Geothermal Energy	Material: Acrylic Acrylic Pipe Charger Banana pins Fan Toy Motor	1	nos.		₹ 0		₹ 0	₹ 0
	51	Earthquake	Made of 5 mm thick black acrylic, measuring 313.74 mm × 329.67 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	52	Rural & Urban Settlement	Made of 5 mm thick black acrylic, measuring 307.52 mm × 223.26 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	53	Green City	Made of 5 mm thick clear acrylic, measuring 1013.41 mm × 502.38 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	54	Waste Managment	Made of 5 mm thick clear acrylic, measuring 432.48 mm × 370.33 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	55	Hydrolic Pump	Made of 5 mm thick clear acrylic, measuring 575.96 mm × 334.81 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	56	Climate Change	Made of 5 mm thick blue acrylic, measuring 256.84 mm × 451.84 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	57	Earth Structure	Made of 5 mm thick clear acrylic, measuring 558.14 mm × 591.49 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	58	Carbon Cycle	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	59	Solar Eclipse	Made of 5 mm thick clear acrylic, measuring 653.91 mm × 590.84 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	60	Terrarium	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	61	El nino/ La nino	Made of 10 mm thick green acrylic, measuring 144.32 mm × 152.26 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	62	Algal Model	Made of 5 mm thick black acrylic, measuring 524.45 mm × 312.83 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	63	Wildlife Model	Made of 5 mm thick clear acrylic, measuring 363.11 mm × 283.32 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	64	Solar Fertilizer	Made of 5 mm thick clear acrylic, measuring 596.67 mm × 629.15 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	65	Solar Clean	Made of 5 mm thick black acrylic, measuring 313.74 mm × 329.67 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	66	Solar Tree	Made of 5 mm thick black acrylic, measuring 307.52 mm × 223.26 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	67	Hydroleaf	Made of 5 mm thick clear acrylic, measuring 1013.41 mm × 502.38 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	68	Salty Conversion	Made of 5 mm thick clear acrylic, measuring 432.48 mm × 370.33 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	69	Glaciar Model	Made of 5 mm thick clear acrylic, measuring 575.96 mm × 334.81 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	70	Crush Plastic	Made of 5 mm thick blue acrylic, measuring 256.84 mm × 451.84 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	71	Anemometer	Made of 5 mm thick clear acrylic, measuring 558.14 mm × 591.49 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	72	Water Collector	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	73	Relief map	Made of 5 mm thick clear acrylic, measuring 653.91 mm × 590.84 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	74	Map of State	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	75	Globe	Made of 10 mm thick green acrylic, measuring 144.32 mm × 152.26 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
2. Board Games Grade 5-10	76	Help or Hurt the Earth	Made of 5 mm thick black acrylic, measuring 524.45 mm × 312.83 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	77	Journey of Junk	Made of 5 mm thick clear acrylic, measuring 363.11 mm × 283.32 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	78	Eco Calendar	Made of 5 mm thick clear acrylic, measuring 596.67 mm × 629.15 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	79	Geo Shuffle	Made of 5 mm thick clear acrylic, measuring 653.91 mm × 590.84 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	80	Cross Green	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	81	Prakriti Protector	Made of 10 mm thick green acrylic, measuring 144.32 mm × 152.26 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	82	Beaky Buddies	Made of 5 mm thick black acrylic, measuring 524.45 mm × 312.83 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	83	Price Of action	Made of 5 mm thick clear acrylic, measuring 363.11 mm × 283.32 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	84	Eco Feeding Web	Made of 10 mm thick green acrylic, measuring 144.32 mm × 152.26 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	85	Puzzkart	Made of 5 mm thick black acrylic, measuring 524.45 mm × 312.83 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	86	Speed of water	- Rectangular Tray - Ruler, - Stop Watch, - Large Beaker	1	nos.		₹ 0		₹ 0	₹ 0
	87	Permeability Through Soil	- Three plastic trays or shallow containers - Different soil samples (sand, clay, loam) - Watering can or plastic bottle with holes in the cap - Measuring cup (to ensure equal water amounts) - Protector (to measure slope angle, optional) - Small rocks or plants (for variation in erosion control) - Ruler - Stopwatch	1	nos.		₹ 0		₹ 0	₹ 0
	88	Soil Erosion (water)	- Three plastic trays or shallow containers - Different soil samples (sand, clay, loam) - Watering can or plastic bottle with holes in the cap - Measuring cup (to ensure equal water amounts) - Protector (to measure slope angle, optional) - Small rocks or plants (for variation in erosion control) - Ruler - Stopwatch	1	nos.		₹ 0		₹ 0	₹ 0

3. Experiments Grade 5-10	89	Soil Erosion (Wind)	•Three shallow trays or containers •Different soil samples (sand, clay, loam) •Electric fan or hairdryer (to simulate wind) •Measuring cup (to ensure equal soil amounts) •Ruler (to measure soil displacement) •Small rocks or plants (for erosion control variations) •Mask (to prevent inhaling dust)	1	nos.		₹ 0		₹ 0	₹ 0
	90	Soil as Resource	•Two soil samples (Healthy soil and unhealthy soil) •Water •Vinegar or baking soda for pH test •Small pot for planting sapling •Seeds (e.g. mustard or beans) •Two plastic glasses •Ruler (to measure plant growth) •pH strip	1	nos.		₹ 0		₹ 0	₹ 0
	91	Marine Life	•Normal water •Vinegar •Salt •Glass rod •Tweezers •Two Beakers •Seashells	1	nos.		₹ 0		₹ 0	₹ 0
	92	Global warming	•Two identical transparent plastic bottles with caps •Two thermometers •Baking soda •Vinegar •Funnel •Stopwatch or timer •Heat source (lamp or sunlight)	1	nos.		₹ 0		₹ 0	₹ 0
	93	Water Pollution	• 3 transparent glass jars or containers • Clean water (as a control sample) • Various pollutants: - o Soil/mud (to simulate sediment pollution) - o Oil (to simulate industrial spills) - o Plastic waste (small pieces of plastic, wrappers) - o Food waste (vegetable peels, leftover food) - o Detergent or soap (to simulate household waste) • Stirring stick or spoon • Labels for each jar	1	nos.		₹ 0		₹ 0	₹ 0
	94	Air Pollution	0	1	nos.		₹ 0		₹ 0	₹ 0
	95	Carbon (Air Pollution)	• Glass flask with stopper, • One glass flask with gas pipe, • Copper granules, • Activated carbon	1	nos.		₹ 0		₹ 0	₹ 0
	96	Carbon(Water Pollution)	• Activated carbon • Water • Funnel • Cotton • Beaker • Ink • Soil	1	nos.		₹ 0		₹ 0	₹ 0
	97	Herbarium	•Newspaper or blotting paper •Heavy books or a plant press •Glue or tape •Labels (for plant name, date, location) •Pen or marker	1	nos.		₹ 0		₹ 0	₹ 0
	98	Manure	•A container or compost bin (plastic bucket with holes or a wooden box) •Wet waste (vegetable peels, fruit scraps, tea leaves, coffee grounds) •Dry waste (dried leaves, newspaper, sawdust) •Soil or cow dung (as a decomposer) •Water spray bottle •A stick or spoon for mixing	1	nos.		₹ 0		₹ 0	₹ 0
	99	Distance on Map	•A printed map with a scale (road map, topographic map, etc.) •Opisometer (also called a curvimeter or map measurer) •Ruler (for verification, optional) •Pen and paper (for recording measurements)	1	nos.		₹ 0		₹ 0	₹ 0
	100	Food preservation	• Fresh food samples (fruits, vegetables, milk, bread) / White Watana • Preservation materials: Salt, Sugar, Vinegar, Oil, Lemon juice (citric acid), Refrigerator, Airtight containers • Observation sheet • Labels and markers	1	nos.		₹ 0		₹ 0	₹ 0
	101	Seed Germination	Material : Acrylic Acrylic Colour: Clear Size in mm :363.11 mm by 283.32 mm	1	nos.		₹ 0		₹ 0	₹ 0
	102	Carbon Footprint	Material : Acrylic Acrylic Colour: Clear Size in mm :363.11 mm by 283.32 mm	1	nos.		₹ 0		₹ 0	₹ 0
	103	Surface Absorption	•Black, white, and aluminium foil sheets •Thermometers •Stopwatch •Lamp with a strong light bulb (to simulate sunlight)	1	nos.		₹ 0		₹ 0	₹ 0
	104	Thermal expansion	•Clear bottle with a tight cap •Water •Food coloring (optional) •Straw •Hot water bath	1	nos.		₹ 0		₹ 0	₹ 0
	105	Raindrop formation	•Normal water •Hot water •Ink •Dropper •Stopwatch •Shaving foam •Glass jar (wide mouth)	1	nos.		₹ 0		₹ 0	₹ 0
4. DIY Kits Grade 5-10	106	Seed Bomb	Made of 5 mm thick black acrylic, measuring 313.74 mm × 329.67 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	107	Leaf Art	Made of 5 mm thick black acrylic, measuring 307.52 mm × 223.26 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	108	Eco Friendly Products (All Purpose Cleaner; Glass Cleaner; Bathroom Scrub; Floor Cleaner; Laundry Detergent)	Made of 5 mm thick clear acrylic, measuring 1013.41 mm × 502.38 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	109	Rain Gauge	Made of 5 mm thick clear acrylic, measuring 432.48 mm × 370.33 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	110	Bird Feeder (Pine Cone); Coconut shell (Optional)	Made of 5 mm thick clear acrylic, measuring 575.96 mm × 334.81 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	111	Upcycle Planters	Made of 5 mm thick blue acrylic, measuring 256.84 mm × 451.84 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	112	Eco Pupets	Made of 5 mm thick clear acrylic, measuring 558.14 mm × 591.49 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	113	Eco Compost Bin	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	114	Tetra Pack wallet	Made of 5 mm thick clear acrylic, measuring 653.91 mm × 590.84 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0

	115	Shoebbox Cooker	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
5. Case Study Grade 5-10	116	Kerala Floods	Made of 10 mm thick green acrylic, measuring 144.32 mm × 152.26 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	117	New Zealand	Made of 5 mm thick black acrylic, measuring 307.52 mm × 223.26 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	118	Hurricane	Made of 5 mm thick clear acrylic, measuring 1013.41 mm × 502.38 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	119	David Suzuki	Made of 5 mm thick clear acrylic, measuring 432.48 mm × 370.33 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	120	Jadav Molai	Made of 5 mm thick clear acrylic, measuring 575.96 mm × 334.81 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	121	Jane Goodall	Made of 5 mm thick blue acrylic, measuring 256.84 mm × 451.84 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	122	Rajendra Singh	Made of 5 mm thick clear acrylic, measuring 558.14 mm × 591.49 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	123	Sunder Lal Bahuguna	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	124	Vandana Shiva	Made of 5 mm thick clear acrylic, measuring 653.91 mm × 590.84 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	125	Project Tiger	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	126	Solar Village	Made of 10 mm thick green acrylic, measuring 144.32 mm × 152.26 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	127	Aravali Restoration	Made of 5 mm thick clear acrylic, measuring 653.91 mm × 590.84 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	128	Chipko Movement	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	129	Sikkim	Made of 10 mm thick green acrylic, measuring 144.32 mm × 152.26 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	130	Al in Climate	Made of 5 mm thick black acrylic, measuring 307.52 mm × 223.26 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	131	Fast Fashion	Made of 5 mm thick clear acrylic, measuring 1013.41 mm × 502.38 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	132	Soil	Made of 5 mm thick clear acrylic, measuring 432.48 mm × 370.33 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	133	Waste Management (English and Hindi)	Made of 5 mm thick clear acrylic, measuring 575.96 mm × 334.81 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	134	Climate Change (English and Hindi)	Made of 5 mm thick blue acrylic, measuring 256.84 mm × 451.84 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
	135	Air Pollution (English and Hindi)	Made of 5 mm thick clear acrylic, measuring 558.14 mm × 591.49 mm, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
INFRASTRUCTURE	136	SET UP OF PLATFORMS WITH	Made of 5 mm thick clear acrylic, measuring 717.72 mm × 742.36 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
TRAINING OF TEACHERS	137	TEACHERS TRAINING PROGRAMME	Made of 5 mm thick clear acrylic, measuring 653.91 mm × 590.84 mm, without printing, and finished with precision laser cutting.	1	nos.		₹ 0		₹ 0	₹ 0
Total							₹ 0		₹ 0	₹ 0

Innovative Gamified Educational Tools - Primary (1st to 5th Grade)

Grade	S. No.	Model Name/ Principle	Specification	Qty.	Unit	Rate/unit (in Rs.)	Amount (Exclusive of Tax) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
Grade 1 5+ Age	1	Addition & Subtraction With The Santa Slider	Materials used: Acrylic, Kappa Board, Foam, Paper, Plastic, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	2	Fun Spelling Game	Materials used: Acrylic, Paper, Kappa Board, Board, and Foam.	1	No.		₹ 0		₹ 0	₹ 0
	3	Flower of Addition: A Blooming Adventure in Numbers!	Materials used: Foam, Kappa, Paper, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	4	Exploring Numbers (Count & Learn)	Materials used: Foam, Kappa, Paper, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	5	The Wonderful World Of Plants: Exploring Their Amazing Parts	Materials used: Foam, Kappa Board, Cyber Excel, Paper, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	6	Sentence Formation Adventure (Inside - Outside, Near - Far)	Materials used: Cyberexcel, Paper, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	7	Explore And Match The Shapes	Materials used: Kappa Board, Foam, Acrylic, Paper, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	8	Crossing Bridges - Pattern Game	Materials used: Foam, Kappa Board, Cyberexcel, Paper, Plastic, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	9	Rhyme Cone Quest	Materials used: Kappa, Kappa Board, Foam, Paper, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	10	Colourful Island Escape	Materials used: Kappa Board, Foam, Plastic, Wooden, Gelatine Paper, Paper, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	11	Body Parts & Senses: Fun Learning Challenge!	Materials used: Kappa Board, Foam, Paper, Nylon/Plastic, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	12	Physical Adventure Game: Pose and Progress	Materials used: Paper, Foam, Kappa Board, Plastic, Sand, and Board.	1	No.		₹ 0		₹ 0	₹ 0

	13	Magic Window: Explore Before And After Numbers	Materials used: Acrylic, Foam, Paper, Plastic, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	14	Letter Explorer: Small And Capital Alphabets	Materials used: Kappa Board, Nylon/Plastic, Paper, Plastic, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	15	CVC Word Adventure!	Materials used: Kappa Board, Foam, Paper, Plastic, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	16	Maths Mountaineer: Ascending and Descending Order	Materials used: Acrylic, Kappa Board, Paper, Plastic, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	17	Opposite Words: Ring Challenge	Materials used: Kappa Board, Paper, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	18	Animal Adventures: Puzzles On Shelters And Babies	Materials used: Acrylic, Foam, Paper, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	19	Musical Instruments Tile Game!	Materials used: Kappa Board, Cyber Excel, Foam, Paper, Nylon/Plastic, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	20	Exploring Days and Months with Magical Discs	Materials used: Cyber Excel, Kappa Board, Paper, Nylon/Plastic, Plastic, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	21	The Multiplication Adventure!	Materials used: Kappa Board, Acrylic, Foam, Paper, Box Board, and Board.	1	No.		₹ 0		₹ 0	₹ 0
	22	Place Value Explorer	Materials used: Kappa, Foam, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	23	Exploring Math Magic: Addition And Subtraction (1-100)	Materials used: Foam, Kappa, Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	24	Croc-Munch: Number Comparison	Materials used: Kappa Board, Acrylic, Foam, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	25	The Train Adventure: Ordering 2-Digit Numbers	Materials used: Acrylic, Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0

Grade 2 6+ Age	26	Addition With Carry Over - 2 Digit Numbers	Materials used: Acrylic, Kappa, Foam, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	27	Community Helpers	Materials used: Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	28	The Great Number Line: Addition And Subtraction	Materials used: Acrylic, Paper, Plastic, and Wooden.	1	No.		₹ 0		₹ 0	₹ 0
	29	Borrow & Subtract: Math Learning Fun!	Materials used: Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	30	Discover Singular And Plural With Spinning Discs	Materials used: Kappa Board, MDF/Acrylic, Foam, Wood/Acrylic Rod, and Paper.	1	No.		₹ 0		₹ 0	₹ 0
	31	Addition And Subtraction by Regrouping	Materials used: Foam, Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	32	What Comes Before, Between, After 2-Digit Numbers	Materials used: Acrylic, Foam, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	33	Cultural Clocks: A Study of Months and Seasons	Materials used: Kappa Board, Foam, Cyberexcel, Kappa, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	34	Preposition Adventure: Fun With Activities	Materials used: Kappa Board, Cyberexcel, Paper, Acrylic, Magnetic Board, Foam with Paper Pasting, Foam, Plastic, and Wood.	1	No.		₹ 0		₹ 0	₹ 0
	35	Picture Reading: Fun Through Games	Materials used: Kappa Board, Cyberexcel, Paper, Plastic, Plastic Dice, and Write and Wipe Pen.	1	No.		₹ 0		₹ 0	₹ 0
	36	Jewel Quest: A Data Handling Adventure	Materials used: Kappa Board, Paper, Foam with Paper Pasting, Cyberexcel, Plastic, Sand Timer (Plastic and Sand), and Wooden	1	No.		₹ 0		₹ 0	₹ 0
	37	The Wonderful World Of Riddles	Materials used: Kappa Board and Paper.	1	No.		₹ 0		₹ 0	₹ 0
	38	Fun With Measurement: Length, Capacity & Weight	Materials used: Kappa Board, Acrylic, MDF, Foam, Paper, Plastic, and Plastic Beakers.	1	No.		₹ 0		₹ 0	₹ 0

	39	The Great Article Hunt: A, An, and The	Materials used: Foam with Paper Pasting, Kappa Board, Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	40	Race To Learn: Cardinal And Ordinal Numbers	Materials used: Cyberexcel, Foam with Paper Pasting, Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
Grade 3 7+ Age	41	Hippo Magic: Number Comparison With 3-Digit Numbers!	Materials used: Acrylic, Kappa Board, Foam, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	42	Learning Fractions With Test Tubes	Materials used: Acrylic, Foam with Paper Pasting, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	43	Fun With Numbers: 3-Digit Place Value Explorer!	Materials used: Kappa Board, Foam, Paper, Cyberexcel, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	44	Number Quest: Finding The Smallest And Biggest	Materials used: Kappa Board, Acrylic, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	45	Addition With Carry Over: 3 Digit Numbers	Materials used: Acrylic, Kappa Board, Foam, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	46	Multiplication Mastery: Lattice Logic Fun	Materials used: Acrylic, Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	47	The Fun Way to Learn Division	Materials used: Kappa Board, Foam with Paper Pasting, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	48	Green Thumbs: Plant Growth Clue Cards	Materials used: Kappa Board, Paper, Plastic, and Velcro.	1	No.		₹ 0		₹ 0	₹ 0
	49	Tally Time: Learn to Count	Materials used: Foam with Paper Pasting, Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	50	Pattern Quest: Fun with Sequences	Materials used: Foam with Paper Pasting, Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	51	3-Digit Number Quest: Before, After, and Between	Materials used: Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0

	52	Direction Quest: Learning to Navigate	Materials used: Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	53	Grammar Time: Adverb Fun	Materials used: Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	54	Adventure in Words: Adjectives & Verbs	Materials used: Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	55	Perfect Match: The Symmetry Challenge	Materials used: Kappa Board, Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	56	Subtract & Solve: The 3-Digit Challenge	Materials used: Foam, Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	57	Money Adventure: Learn And Play!	Materials used: Cyberexcel, Foam with Paper Pasting, Kappa Board, Paper, Plastic, and Wood.	1	No.		₹ 0		₹ 0	₹ 0
	58	Multiplication Magic With Carry Over: 2-Digit by 1-Digit	Materials used: Acrylic, Kappa Board, Foam, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	59	Journey Through India's States and Capitals	Materials used: Kappa Board, Acrylic, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	60	A Fun Journey Learning Punctuation Marks!	Materials used: Foam with Paper Pasting, Cyberexcel, Foam, Kappa Board, Paper, Box Board, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	61	Fraction Fun: Discovering Parts of a Whole	Materials used: Acrylic, Foam with Paper Pasting, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	62	The Floral Tale Of Odd & Even Numbers	Materials used: Foam with Paper Pasting, Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	63	Place Value Explorer (Up to Ten Thousand)	Materials used: Kappa Board, Foam, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	64	Angle Magic: Learn With Enchanted Houses	Materials used: Kappa Board, Acrylic, Foam, Paper, and Acrylic Rod/Wooden Dowel.	1	No.		₹ 0		₹ 0	₹ 0

Grade 4 8+ Age	65	Discover The Secrets of Geometric Shapes & Their Parts	Materials used: Acrylic, Kappa Board, Paper, Plastic, and Acrylic Rod.	1	No.		₹ 0		₹ 0	₹ 0
	66	Addition With Carry Over: 4 & 5-Digit Numbers	Materials used: Acrylic, Kappa Board, Foam, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	67	Multiply The Lattice Way	Materials used: Kappa Board, Acrylic, Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	68	Mastering Division: 3-Digit by 1-Digit	Materials used: Kappa Board, Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	69	Magical Animal Life Cycle Quest	Materials used: Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	70	Tick Tock Time: Clock Reading Skills	Materials used: Kappa Board, Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	71	Subtraction Made Easy: 4 & 5-Digit Numbers	Materials used: Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	72	Word Pairings: Synonyms & Antonyms	Materials used: Kappa Board, Foam with Paper Pasting, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	73	Contrast In Words: Positive & Negative Sentences	Materials used: Kappa Board, Foam with Paper Pasting, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	74	Exploring The Area & Perimeter Of Basic Shapes!	Materials used: Kappa Board, Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	75	The World of Directions & Sub-Directions	Materials used: Kappa Board, Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	76	The Math Connection: Multiplication & Division	Materials used: Acrylic, Kappa Board, Foam, Paper, Acrylic Rod, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	77	Exploring India: Map, States And Trivia!	Materials used: Acrylic, Kappa Board, and Paper.	1	No.		₹ 0		₹ 0	₹ 0

	78	Apostrophes & Contractions: A Fun Adventure In Grammar!	Materials used: Paper and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	79	Wh-Question Quest!	Materials used: Kappa Board, Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	80	Exploring the World of 4-Digit Numbers	Materials used: Kappa Board, Foam, Foam with Paper Pasting, Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
Grade 5	81	Exploring Numbers: Place Value & Face Value	Materials used: Kappa Board, Foam, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	82	Fun With Bar Graphs!	Materials used: Kappa Board, Foam, Cyberexcel, Acrylic, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	83	Sun, Moon & Stars: Fun With The Solar System	Materials used: Foam with Paper Pasting, Acrylic, Kappa Board, Paper, Wood or Plastic (Dice), and Acrylic Rod.	1	No.		₹ 0		₹ 0	₹ 0
	84	The Moon And Its Exciting Phases!	Materials used: Acrylic, Paper, Plastic, and Acrylic Rod.	1	No.		₹ 0		₹ 0	₹ 0
	85	Water Cycle Adventure!	Materials used: Kappa Board, Acrylic, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	86	Fun With Numbers: Subtraction Of Decimals	Materials used: Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	87	Exploring Decimal Place Value	Materials used: Kappa Board, Foam, Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	88	Mastering Decimal Addition	Materials used: Acrylic, Kappa Board, Foam, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	89	Mastering Measurements: Unit Conversion Made Easy	Materials used: Kappa Board, Foam, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	90	Nutrition Exploration: Secrets of Food Constituents	Materials used: Kappa Board, Foam with Paper Pasting, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0

9+ Age	91	Division Made Fun: Up To 4-Digit Numbers By 2-Digit Numbers	Materials used: Kappa Board, Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	92	Exploring Food Chains & The Food Web	Materials used: Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	93	Prime & Composite Number Game!	Materials used: Kappa Board, Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	94	Crack the Code: Factors and Multiples	Materials used: Kappa Board, Cyberexcel, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	95	Mastering Time: Add & Subtract Fun	Materials used: Kappa Board, Acrylic, Foam, Acrylic Rod, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	96	Unlock The Wonders Of Roman Numerals!	Materials used: Acrylic, Kappa Board, Acrylic Rod, and Paper.	1	No.		₹ 0		₹ 0	₹ 0
	97	A Journey Through Earth's Atmosphere: Exploring Its Layers!	Materials used: Kappa Board, Acrylic, Cyberexcel, Paper, and Foam with Paper Pasting.	1	No.		₹ 0		₹ 0	₹ 0
	98	The Farming Game: Learning & Growing	Materials used: Foam with Paper Pasting, Kappa Board, and Paper.	1	No.		₹ 0		₹ 0	₹ 0
	99	Mastering Multiplication: 3-Digit Challenge	Materials used: Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	100	Discovering Perimeter & Area: Triangle, Square & Rectangle	Materials used: Kappa Board, Paper, and Plastic.	1	No.		₹ 0		₹ 0	₹ 0
	101	TTP	TTP - Teacher's Taining Program	1	No.		₹ 0		₹ 0	₹ 0
	102	STEEL CUPBOARD	STEEL CUPBOARD	1	No.		₹ 0		₹ 0	₹ 0
Total							₹ 0		₹ 0	₹ 0

Embedded & Robotics										
Projects	Product No.	Model Name/ Principle	Specification	Qty.	Unit	Rate/unit (in Rs.)	Amount (Exclusive of Tax) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
IOT	1	Smart irrigation	Material: Acrylic sheets, pipe, pump, foam, pcb, switch, IR sensor, battery, battery holder, moisture sensor, DHT11 temperature sensor, rubberbands, screws and nuts, hook, Electronic playbook, Instruction manual, JST connectors 17.5 x 6.5 x 25cm	1	Nos		₹ 0		₹ 0	₹ 0
	2	Smart Home	27.5 x 29.5 x 24.5cm Material: MDF, speaker, dc motor, propeller, power pcb, main pcb, lcd, switch, battery, battery holder, Electronic playbook, Instruction manual, JST connectors, rubberbands, screws and nuts, hook	1	Nos		₹ 0		₹ 0	₹ 0
	3	Smart Alarm	Acrylic sheet, Arduino/Nano, PIR sensor, buzzer, LEDs, breadboard/PCB, jumper wires, battery, switch	1	Nos		₹ 0		₹ 0	₹ 0
	4	Pet Feeder	15.5 x 27 x 19 cm Material: MDF, acrylic, servo motor, dowels, power pcb, main pcb, switch, battery, battery holder, Electronic playbook, Instruction manual, JST connectors, rubberbands, screws and nuts, hook, usb cable	1	Nos		₹ 0		₹ 0	₹ 0
	5	Smart Dustbin	Acrylic/MDF/PVC body, Servo motor, Ultrasonic sensor, Arduino, hinges, battery	1	Nos		₹ 0		₹ 0	₹ 0
	6	Liquid Dispenser	18.5 x 24 x 12.5 cm Material: Acrylic, pump, power pcb, main pcb, pipe, foam, IR sensor, switch, battery, battery holder, Electronic playbook, Instruction manual, JST connectors, rubberbands, screws and nuts, hook, usb cable	1	Nos		₹ 0		₹ 0	₹ 0
	7	Smart Lamp	14.5 x 30.5 x 15 cm Material: MDF, acrylic, bulb, 230v AC wire, main pcb, switch, battery, battery holder, Electronic playbook, Instruction manual, JST connectors, rubberbands, screws and nuts, hook, usb cable	1	Nos		₹ 0		₹ 0	₹ 0
	8	Air Guitar	56.5 x 21 x 10 cm Material: MDF, IR sensor, main pcb, switch, battery, battery holder, Electronic playbook, Instruction manual, JST connectors, rubberbands, screws and nuts, hook, usb cable	1	Nos		₹ 0		₹ 0	₹ 0
	9	Iron Man Hand	PLA (3D printed) or Acrylic/MDF fingers, Nylon strings, Servo motors, Arduino, gloves	1	Nos		₹ 0		₹ 0	₹ 0

	10	Dancing Doll	Acrylic/MDF base, Servo motors, Arduino, LEDs, Decorative foam sheet	1	Nos		₹ 0		₹ 0	₹ 0
Robotic Cars	1	Ball Kicker	29.5x 19.5 x 12cm Material: Mdf, servo, dc motor, bluetooth module, power pcb, main pcb, wheels, switch, battery, battery holder, Electronic playbook, Instruction manual, JST connectors, rubberbands, screws and nuts, hook, usb cable	1	Nos		₹ 0		₹ 0	₹ 0
	2	Hammer	MDF/Wood, Acrylic, DC motor, Gear mechanism, Bearings	1	Nos		₹ 0		₹ 0	₹ 0
	3	Maze Solver	23 x 18.5 x 14cm Material: Mdf, servo, ultrasonic sensor, dc motor, power pcb, main pcb, wheels, switch, battery, battery holder, Electronic playbook, Instruction manual, JST connectors, rubberbands, screws and nuts, hook, usb cable	1	Nos		₹ 0		₹ 0	₹ 0
	4	Obstacle Avoider	29 x 19 x 12.5cm Material: Mdf, servo, IR sensor, dc motor, power pcb, main pcb, wheels, switch, battery, battery holder, Electronic playbook, Instruction manual, JST connectors, rubberbands, screws and nuts, hook, usb cable	1	Nos		₹ 0		₹ 0	₹ 0
	5	Edge Detector	32 x 19 x 12.5 cm Material: Mdf, servo, IR sensor, dc motor, power pcb, main pcb, wheels, switch, battery, battery holder, Electronic playbook, Instruction manual, JST connectors, rubberbands, screws and nuts, hook, usb cable	1	Nos		₹ 0		₹ 0	₹ 0
	6	Remote Car	34 x 18.5 x 12.5 cm Material: Mdf, servo, IR sensor, dc motor, main pcb, wheels, switch, battery, battery holder, Electronic playbook, Instruction manual, JST connectors, rubberbands, screws and nuts, hook, usb cable	1	Nos		₹ 0		₹ 0	₹ 0
	1	Smart LED Control Kit	28.3 x 24.8 x 7.4 cm Material: PCB, banana pins, battery holder, battery, switch, LDR module, breadboard, loose components, jumper wire	1	Nos		₹ 0		₹ 0	₹ 0
	2	LED Multi Projects Kit	28.3 x 24.8 x 7.4 cm Material: PCB, banana pins, battery holder, battery, switch, solar panel, joystick module, rain sensor module, breadboard, loose components, jumper wire	1	Nos		₹ 0		₹ 0	₹ 0
	3	Logic Gates Activity Board	28.3 x 24.8 x 7.4 cm Material: PCB, banana pins, battery holder, battery, switch, breadboard, loose components, jumper wire	1	Nos		₹ 0		₹ 0	₹ 0

Electronic 5in1 Kits & Arduino	4	Transistor Based Mini Projects	28.3 x 24.8 x 7.4 cm Material: PCB, banana pins, battery holder, battery, switch, breadboard, loose components, jumper wire	1	Nos		₹ 0		₹ 0	₹ 0
	5	Smart Power & Security Trainer Kit	28.3 x 24.8 x 7.4 cm Material: PCB, banana pins, laser module, buck converter module, dc motor, fire sensor, battery holder, battery, switch, breadboard, loose components, jumper wire	1	Nos		₹ 0		₹ 0	₹ 0
	6	Smart Sensor Trainer Kit	28.3 x 24.8 x 7.4 cm Material: PCB, banana pins, PIR sensor, moisture sensor, IR sensor, touch sensor, hall sensor, battery holder, battery, switch, breadboard, loose components, jumper wire	1	Nos		₹ 0		₹ 0	₹ 0
	7	IC555 Timer Applications Board	FR4 PCB, IC555, Resistors, Capacitors, LEDs, Push buttons, Terminal connectors	1	Nos		₹ 0		₹ 0	₹ 0
	8	IC555 Modes & Power Trainer Kit	PCB, IC555 ICs, Breadboard, Power supply module, LEDs, Switches	1	Nos		₹ 0		₹ 0	₹ 0
	9	Multi-Sensor Relay Projects	PCB, Relay modules, Arduino, PIR/LDR/IR sensors, Terminal blocks	1	Nos		₹ 0		₹ 0	₹ 0
	10	Resistors and Sensor-Relay Projects	PCB, Relay, Resistors, LDR, Thermistor, LEDs, Terminal Blocks	1	Nos		₹ 0		₹ 0	₹ 0
	1	Traffic light system using Arduino	Arduino Uno, LEDs, Resistors, Acrylic signal poles, PCB	1	Nos		₹ 0		₹ 0	₹ 0
	2	LED control using Touch sensor	Arduino, Capacitive touch sensor, LEDs, Acrylic base	1	Nos		₹ 0		₹ 0	₹ 0
	3	LED control using Arduino	Arduino, LEDs, Breadboard, PCB, Acrylic enclosure	1	Nos		₹ 0		₹ 0	₹ 0
	4	Interfacing relay with arduino	Arduino, Relay Module, Bulb Holder, PCB, Acrylic Base	1	Nos		₹ 0		₹ 0	₹ 0
	5	Generating Secondary colors using RGB LED	Arduino, RGB LED, Resistors, Acrylic Display	1	Nos		₹ 0		₹ 0	₹ 0
	6	Generating Primary colors using RGB LED	Arduino, RGB LED, Resistors, Acrylic Display	1	Nos		₹ 0		₹ 0	₹ 0
	7	Distance measurement and LED control using Ultrasonic sensor	Arduino, Ultrasonic Sensor, LEDs, Resistors, Acrylic Base	1	Nos		₹ 0		₹ 0	₹ 0
	8	DC motor control using Arduino	Arduino, DC Motor, Motor Driver (L298N), Acrylic Base	1	Nos		₹ 0		₹ 0	₹ 0
	9	Buzzer control using PIR sensor	Arduino, PIR Sensor, Buzzer, Acrylic Base	1	Nos		₹ 0		₹ 0	₹ 0
	10	Servo motor control using IR Sensor	Arduino, IR Sensor, Servo Motor, Acrylic Base	1	Nos		₹ 0		₹ 0	₹ 0
	1	Obstacle Avoiding and Edge Detecting Robot	32 x 19 x 12.5 cm Mdf, servo, IR sensor, dc motor, power pcb, main pcb, wheels, switch, battery, battery holder, Electronic playbook, Instruction manual, JST connectors, rubberbands, screws and nuts, hook, usb cable	1	Nos		₹ 0		₹ 0	₹ 0

Multifunctional Robotics Kit	2	Line Following Robot	Acrylic chassis, IR sensor array, DC geared motors, Wheels, Arduino, Battery	1	Nos		₹ 0	₹ 0	₹ 0
	3	Snake Bot	3D printed links or Acrylic joints, Servo motors, Arduino	1	Nos		₹ 0	₹ 0	₹ 0
	4	Hammer	MDF/Wood, Acrylic, DC motor, Gear mechanism, Bearings	1	Nos		₹ 0	₹ 0	₹ 0
	5	Voice and App Controlled Robot	Acrylic Chassis, Arduino, Bluetooth Module, Voice Module, DC Motors, Wheels	1	Nos		₹ 0	₹ 0	₹ 0
	6	App Controlled RGB Light	Arduino, Bluetooth module, RGB LED strip, Acrylic enclosure	1	Nos		₹ 0	₹ 0	₹ 0
	7	Wall Follower Robot	Acrylic chassis, Ultrasonic/IR sensors, Moto	1	Nos		₹ 0	₹ 0	₹ 0
	8	Line Following Robot	Acrylic chassis, IR sensor array, DC geared motors, Wheels, Arduino, Battery	1	Nos		₹ 0	₹ 0	₹ 0
Machine Robotics Kit	1	Excavator	Acrylic/MDF Structure, Servo Motors, DC Motors, Gears	1	Nos		₹ 0	₹ 0	₹ 0
	2	Crane	Acrylic/MDF Structure, Servo Motors, Nylon Rope, Pulleys	1	Nos		₹ 0	₹ 0	₹ 0
	3	Dumping Truck	Acrylic Chassis, DC Motors, Servo Motor, Wheels	1	Nos		₹ 0	₹ 0	₹ 0
	4	Roller	Acrylic Body, DC Motor, Rubber Roller	1	Nos		₹ 0	₹ 0	₹ 0
	5	Forklift	Acrylic Frame, Servo Motors, DC Motors, Plastic Forks	1	Nos		₹ 0	₹ 0	₹ 0
	6	Ball Shooter	MDF/Acrylic Frame, DC Motors, Rubber Wheels, PVC Tube	1	Nos		₹ 0	₹ 0	₹ 0
	7	Catapult	MDF/Wood, Rubber Bands, Servo Motor	1	Nos		₹ 0	₹ 0	₹ 0
Smart Devices Kit	1	Ball thrower / Catcher	Acrylic Frame, Servo Motors, Plastic Arms	1	Nos		₹ 0	₹ 0	₹ 0
	2	Trash Chomper	Acrylic Body, Servo Motor, Ultrasonic Sensor	1	Nos		₹ 0	₹ 0	₹ 0
	3	Obstacle & Edge Detection System	Arduino, IR Sensors, Ultrasonic Sensor, Acrylic Base	1	Nos		₹ 0	₹ 0	₹ 0
	4	Rainbow Lighting Decoration System	RGB LED Strip, Arduino, Acrylic Diffuser	1	Nos		₹ 0	₹ 0	₹ 0
	5	Dancing LED	Arduino, RGB LEDs, PCB, Acrylic Panel	1	Nos		₹ 0	₹ 0	₹ 0
	6	Home Light Control	Arduino, Relay Module, Bluetooth/Wi-Fi Module, Acrylic Enclosure	1	Nos		₹ 0	₹ 0	₹ 0
Independant Modules	1	Space Rover	Acrylic/Aluminium Chassis, DC Motors, Wheels, Arduino	1	Nos		₹ 0	₹ 0	₹ 0
	2	Metal Detector Army Tank	Acrylic Chassis, Metal Detector Module, DC Motors, Arduino	1	Nos		₹ 0	₹ 0	₹ 0
Industrial Projects	1	Smart Padlock	Acrylic Enclosure, Solenoid Lock, RFID/Fingerprint Module, Arduino	1	Nos		₹ 0	₹ 0	₹ 0
	2	Smart Dustbin	Acrylic/MDF/PVC body, Servo motor, Ultrasonic sensor, Arduino, hinges, battery	1	Nos		₹ 0	₹ 0	₹ 0
General Science	1	Projector	MDF/Acrylic Box, Fresnel Lens, Convex Lens, LED Light Source, Mirror	1	Nos		₹ 0	₹ 0	₹ 0
	2	3D printer	Aluminium Extrusions, Acrylic/Metal Frame, Stepper Motors, GT2 Belt, Lead Screw, Hotend, Controller Board	1	Nos		₹ 0	₹ 0	₹ 0
	3	Drone	Carbon Fiber Frame, Brushless Motors, ESCs, Flight Controller, Propellers, Li-Po Battery	1	Nos		₹ 0	₹ 0	₹ 0
Total No of Products	71								
Total							₹ 0	₹ 0	₹ 0