TENDER DOCUMENT

Open, e-tender, Two packet, QCBS system-based invitation
for Selection of Agency
for
Setting up of a District-Level Science Museum & Science Park

NIT NO: EdCIL/EIS & EPS/PROC/2026-27/SM-SP
Date: 23.10.2026

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 65.

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/SM-SP **Dated: 23.10.2026**

1. EdCIL (India) Limited intends to invite bids for "**Open, e-tender, Two packet, QCBS system-based invitation for Setting up of a District-Level Science Museum & Science Park.**

2. The purpose of this tender document is to provide interested parties with the relevant information/ invite regarding the RFP which may be useful in submitting their bids. The applicants are advised to study this tender document carefully before submitting their bids & Financial Quote.

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 a District-Level Science Museum & Science Park.**
Earnest Money Deposit	**Rs. 80,000/- (Rs. Eighty Thousand Only)** in form of Demand Draft or Bank Guarantee (BG) from **Nationalised Bank/Scheduled Bank** in favour of "**EdCIL (India) Limited. Noida**. Bank Guarantee (BG) should be as per given format . BG Should remain valid for a period of 90 days from the last date of submission of the bid. OR Direct Bank Transfer as per Cl. 5.4 ***MSE bidders are exempted from EMD submission.***
On-site Warranty	One-year Comprehensive warranty from the date of successful Installation & Commissioning of models & equipment at any particular location.
Performance Bank Guarantee	PBG (**Nationalised Bank/Scheduled Bank** as refer in Annexure-XVI) 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. 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/ Limited/ EOI/ Auction/ Single)	Open, e-Tender, two packet on QCBS system
Tender Category	Goods & Services
Product Category	Science Museum & Science Park with Demonstrable models and equipment
Purchaser, Place of delivery and Duration of Delivery.	EdCIL/ EdCIL's Clients **Ninety (90) Days.**
The Currency in which payment shall be made	Indian Rupees (INR)
Date of Issue/Publishing	23-10-2026
Pre-Bid Meeting queries through emails only	The queries may be sought by the prospective bidders through email in the prescribed format till 31-10-2026 -2026 upto 6:00PM only.
Last Date and Time for receipts of Bids	09-11-2026 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	09-11-2026 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	The 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	eprocure@edcil.co.in

5. Tender document shall be downloaded from electronic tender portal link https://www.edcilindia.co.in/Etenders 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 above-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.

III. Original copy of Bidder's Non-Blacklisting.

Note: The Bidder should also upload the scanned copies of all the above-mentioned original documents as Bid-Annexure during Online Bid-Submission. Documents submitted in online mode should be uploaded using DSC of person authorized as per Authorization letter/Board Resolution for signing bid documents.

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	Organization Declaration Sheet as per Annexure-I	.PDF
2.		List of organizations/ clients/ work orders where the same equipment/workshops has been supplied (in last five years) along with their contact number(s). (Annexure- V, VI, VII)	.PDF
3.		Supporting documents in support of all claims made at Annexure-III, IV, V, VI, VII, VIII, IX, XII	.PDF
4.		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.
MSE	Micro and Small 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) Emergency Mobile Numbers: 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.**

3. **Original copy of Bidder's Non-Blacklisting**

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 10 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

5.1 Scope of Work:

Science and technology play a fundamental role in shaping modern society and driving sustainable development. However, traditional classroom-based education often focuses primarily on theoretical learning, which can limit students' ability to fully understand and appreciate scientific concepts in a practical and engaging manner. In this context, science museums serve as powerful platforms that bridge the gap between theoretical knowledge and experiential learning.

A science museum provides an interactive environment where visitors can explore scientific principles through hands-on exhibits, demonstrations, and immersive experiences. By presenting scientific concepts in a visually engaging and participatory manner, science museums foster curiosity, creativity, and critical thinking among learners of all age groups.
It encourages children to ask questions, make observations, and seek logical explanations, fostering their analytical and scientific mindset. By equipping children with scientific knowledge and a passion for exploring the universe, it empowers them to become lifelong learners and contribute to the progress of science and humanity as a whole.

Accordingly, EdCIL is willing to propose a Science Museum and Science Park in terms of NEP 2020. The proposed Science Museum is based on Physical models and instruments explaining concepts in practical and engaging manner on experiential learning.

Objectives:

- To make Science education accessible to students.
- To develop students' scientific curiosity and temper by presenting scientific principles through interactive exhibits and demonstrations.
- To promote experiential learning by enabling visitors to directly interact with exhibits and models that demonstrate scientific principles.
- To provide district level access to modern science education tools.

Specifications of Models:
Portable models (Except the outdoor model category) as given below are required to be supplied.

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
1	Machines & Newtonian Physics	Pulley Model	Panel: 6 W × 6 H; projection: 0.75	Wall mounted	Powder-coated MS frame; fixed, movable and compound pulley arrangements; aluminium/HDPE pulleys; nylon ropes; captive weights; pull handles and force indication for comparing

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
					mechanical advantage.
2	Machines & Newtonian Physics	First-, Second- and Third-Class Levers	4 × 1.5 × 1.5	Tabletop	Three working lever assemblies on a common base; marked fulcrum, effort and load positions; adjustable captive weights; metal pivots and printed illustrations.
3	Machines & Newtonian Physics	Newton's Cradle	2 × 1.25 × 2	Tabletop	Five aligned steel balls with paired suspension cords; rigid MS/SS frame; controlled release arrangement and transparent containment. Demonstrates momentum and energy transfer.
4	Machines & Newtonian Physics	Ring and Ball—Inertia	1.5 × 1.5 × 2	Tabletop	Vertical ring supporting a ball above a receiving cup; quick sideways ring-release mechanism; stable base and transparent enclosure to retain the ball.
5	Machines & Newtonian Physics	Conservation of Momentum	4 × 1.25 × 1	Tabletop	Low-friction straight track; two collision trolleys; interchangeable masses; spring/magnetic bumpers and hook-and-loop coupling for contrasting elastic and inelastic collisions; end stops.
6	Magnetism	Curie Point Demonstrator	2 × 1.5 × 2	Tabletop / enclosed cabinet	Low-Curie-temperature magnetic element; magnet; controlled electric heating;

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
					temperature sensor and visible movement indicator. Enclosed hot zone, thermal cutoff and facilitator operation.
7	Electromagnetism	Oersted Experiment	2 × 1.5 × 0.75	Tabletop	Conductor positioned above a compass; current-limited DC supply; momentary switch; polarity reversal and current display. Shows compass deflection when current flows.
8	Energy Generation	Solar Energy Conversion Model	4 × 2 × 3.5	Floor-standing station	Composite display with solar panel powering a light, fan and miniature pump; voltage/current indication; separate solar-thermal illustration. Controlled illumination for indoor photovoltaic demonstrations.
9	Electricity	Bulbs in Series and Parallel	Panel: 3 W × 3 H; projection: 0.5	Wall / sloping console	Two selectable circuits using matched low-voltage filament lamps; individual switches; current-limited supply and circuit graphics. Allows comparison of brightness and the effect of removing one lamp.
10	Electricity	Losses in Energy Distribution	3 × 2 × 1.5	Tabletop	Two model transmission paths with known line resistance; selectable isolated low-voltage transmission arrangements; matched receiving

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
					loads and input/output measurements showing distribution losses.
11	Electricity	Resistance of Metals	3 × 1.5 × 1	Tabletop	Interchangeable metal-wire samples of equal length and cross-section; selector switches; low-voltage supply; voltage/current measurement. Separate samples may demonstrate the effects of length and thickness.
12	Light, Optics & Vision	Stroboscope	2 × 1.5 × 2	Enclosed tabletop	Variable-frequency LED strobe; guarded rotating patterned disc; speed/frequency controls and display. Demonstrates apparent stationary or slow motion; timed operation and flash notice.
13	Light, Optics & Vision	Parrot–Cage Illusion	1.5 × 1 × 1.5	Tabletop	Double-sided disc carrying parrot and cage graphics; hand-operated rotation; bearing-supported shaft and protective cover. Demonstrates apparent merging of rapidly alternating images.
14	Light, Optics & Vision	Infinity Well	3-ft diameter × 2.5 H	Floor standing	Circular mirror chamber; rear mirror, partially reflective upper panel and LED rings; MS support; protected viewing surface and enclosed power supply.
15	Light, Optics &	Mirror Optics	4 × 2 × 1.5	Tabletop /	Plane, concave and

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
	Vision			shaded enclosure	convex mirrors; enclosed LED ray box; marked optical board, object and screen; adjustable holders for reflection and image-formation activities.
16	Light, Optics & Vision	Lens Optics	Not specified	Tabletop / shaded enclosure	Convex and concave lenses; illuminated object; screen; graduated optical track and secured sliding holders. Demonstrates convergence, divergence and real/virtual image formation.
17	Light, Optics & Vision	Prism and Dispersion	Not specified	Tabletop / shaded enclosure	Optical glass prism; slit-type white-light source; collimating lens; adjustable prism mount and white screen. Demonstrates refraction and a visible spectrum.
18	Light, Optics & Vision	Colour Shadows	Approximately 4 × 3 × 5 overall	Wall-side interactive station	Adjustable red, green and blue light sources; white screen; individual light switches and space for an object or hand. Demonstrates additive colour mixing and coloured shadows.
19	Sound & Waves	Resonance	3 × 1.5 × 3	Tabletop	Variable-length air-column tube; speaker and adjustable tone generator; frequency display and microphone level indicator. Visitors adjust frequency or column length to identify resonance.

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
20	Sound & Waves	Wave Motion	4 × 1.5 × 2	Tabletop	Approximately 25–30 connected rods/discs forming a mechanical wave demonstrator; manual excitation; adjustable end condition; protected frame. Shows travelling waves, reflection and standing-wave patterns.
21	Heat	Set of Three Heat Models	Each approximately 2 × 1.5 × 2	Three tabletop modules	Conduction: comparative metal rods with temperature indicators. Convection: transparent chamber showing circulation. Radiation: enclosed radiant source with contrasting absorber surfaces and sensors. Controlled heating and guarded hot parts.
22	Air & Water	Water Vortex	2 × 2 × 3.5	Floor-standing pedestal	Transparent cylindrical tank approximately 12–15 inches in diameter; recirculating pump; tangential inlet; adjustable flow and drain point; enclosed reservoir and leak tray.
23	Human Anatomy	DNA Model	2 × 2 × 5	Floor mounted	Double helix with approximately 12–15 colour-coded base pairs; FRP/acrylic components; central support; labelled nucleotide/base-pair key and stable pedestal.
24	Other Models	Pendulum—	4 × 1.5 × 5	Floor	Three pendulums of

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
		Period and Length		standing	different effective lengths with equal-mass bobs; common release arrangement; length markings; timer/sensors and guarded swing zone.
25	Other Models	Pendulum—Period and Mass	Not specified	Not specified	Three equal-length pendulums with similar-shaped bobs of different masses; equal small-angle release; timer/sensors. Shows approximately equal periods under comparable conditions.
26	Other Models	Hand Steadiness Tester	2 × 1.5 × 1.5	Tabletop	Shaped SS wire track; insulated loop handle; low-voltage contact detection; buzzer, LED and error counter; optional completion timer.
27	Other Models	Wimshurst Electrostatic Machine*	2 × 1.5 × 2.5	Supervised tabletop	Commercial educational machine; approximately 12–16-inch counter-rotating discs; hand crank; collector combs and adjustable discharge electrodes. Guarded mechanism and discharge provision.
28	Other Models	Fleming's Left- and Right-Hand Rules	3 × 2 × 1.5	Tabletop	Two modules: motor-force demonstration and hand-driven generator; labelled magnetic field, current and motion directions; reversible connections and indicator meter.
29	Other Models	Working Telescope	Approximately 3 × 3 × 5 deployed	Tripod mounted / movable	Approximately 70-mm-aperture refractor telescope;

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
					stable alt-azimuth mount; two eyepieces; finder and protective caps. Requires access to an unobstructed outdoor viewing area; not for direct solar viewing.
30	Other Models	Walking Robot	Robot: 1.5 × 1 × 1.5; platform: 3 × 2	Tabletop platform	Four- or six-legged linkage robot; geared motor or servo actuation; start/stop and speed controls; protected moving parts and bounded demonstration platform.
31	Other Models	Ohm's Law Activity	2.5 × 1.5 × 1	Tabletop	Adjustable current-limited DC supply; selectable resistors; voltmeter, ammeter and protected terminals; worksheet/graph panel for comparing voltage and current at approximately constant temperature.
32	Other Models	Interactive Atomic Structure	Panel: 3 W × 3 H; projection: 0.75	Wall mounted	Simplified atomic model with selectable elements; illuminated proton, neutron and electron representations; push buttons; atomic-number/mass-number display and clearly labelled schematic shells.
33	Other Models	Time Zones of Different Nations	Panel: 4 W × 3 H; projection: 0.5	Wall mounted	World-map graphic; approximately 6–8 city clocks; city and UTC-offset labels; programmable controller with provision for daylight-

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
					saving updates where applicable.
34	Other Models	Missile Working Model	3 × 1.5 × 2	Tabletop / enclosed display	Non-launching cutaway replica; labelled body sections; animated LEDs illustrating flight stages; optional motorised elevation of the display stand. No propulsion, projectile or targeting mechanism.
35	Other Models	Electronic Projection Microscope	3 × 2 × 4 overall	Tabletop station	Digital microscope with optical magnification; LED illumination; approximately 24–32-inch display; specimen stage; prepared slides and secure support. Displays specimens electronically for group viewing.
36	Other Models	pH Testing Station	3 × 2 × 3 overall	Tabletop / wet activity counter	Digital pH meter; electrode stand; labelled sample holders; indicator-paper comparison chart; spill tray and storage. Mild demonstration solutions, calibration buffers and consumable replacement provision.
37	Other Models	Herbal Spices Display	4 × 1.5 × 3.5	Wall-side cabinet	Approximately 12–16 labelled herb/spice samples in replaceable containers; botanical names, plant parts and culinary-use graphics; controlled scent ports where

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
					suitable.
38	Other Models	Sundial	Dial: 2-ft diameter; overall H: 3	Outdoor pedestal / sunlit courtyard	Engraved metal dial and fixed gnomon designed for site latitude; orientation markings and local-solar-time explanation. Requires direct sunlight and correct alignment.
39	Other Models	Square-Wheeled Trike	Trike: approximately 3.5 × 2 × 3; track: approximately 12 × 4	Floor / dedicated activity zone	Square-wheel tricycle with geometrically matched inverted-catenary track; engineered wheel/track dimensions; guarded ends and supervised operation. Load rating and stability to be established during design.
40	Other Models	Tessellation Station	3 × 2 × 2.5 overall	Activity table	Durable coloured tiles including triangles, squares and hexagons; recessed work surface; pattern cards; storage trays and rounded edges.
41	Other Models	Parallel-Line and Optical Illusions	Panel: 4 W × 3 H; projection: 0.25	Wall mounted	Approximately 6–8 printed illusion panels; removable straightedge or overlay to verify line relationships; durable laminated surfaces and explanations.
42	Other Models	Tracks of Galileo	5 × 2 × 2	Tabletop / floor-standing frame	Two smooth ball tracks with common start/end elevations and different intermediate profiles; simultaneous release; arrival indicators; return tray and transparent

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
					containment. Demonstrates how track shape affects travel time.
43	Other Models	Pascal's Triangle	Panel: 3 W × 3 H; projection: 0.5	Wall mounted	Approximately 8–10 rows of number cells; LEDs highlighting addition relationships, symmetry and row sums; push-button selection and explanatory graphics.
44	Other Models	Visual Proof of Pythagoras' Theorem	Panel: 3 W × 3 H; projection: 0.75	Wall mounted / rotating stand	Rotatable enclosed model with a right triangle and three proportional square chambers; coloured beads or liquid transfer demonstrating area equivalence; labelled side lengths and relationship.
45	Other Models	Fibonacci Sequence and Golden Ratio	Panel: 4 W × 3 H; projection: 0.5	Wall mounted	Fibonacci number sequence; removable square tiles; quarter-circle spiral construction; selected natural-pattern images and ratio comparisons. Labels distinguish the constructed approximation from an exact golden spiral.
46	Human Anatomy	Human Nerve Impulse Transmission	Panel: 3 W × 5 H; projection: 0.75	Wall mounted	Human outline showing sensory pathway, spinal cord/brain and motor pathway; sequential LEDs; stimulus button; separate reflex and voluntary-response demonstrations with

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
					adjustable animation speed.
47	Human Anatomy	Full Human Body Working Model	Approximately 2.5 × 2 × 5.5	Floor mounted	FRP human figure with cutaway torso; labelled organs; sequential LEDs for circulation and nerve pathways; breathing movement and illuminated digestive pathway; push-button system selection and serviceable rear panel.
48	Outdoor Models	Simple Harmonic Motion	3 L × 4.5 W × 5 H	Ground mounted	Proposed GI support frame with suspended pendulum, bearing-supported pivot and marked reference position. Visitors displace and release the pendulum to observe periodic motion; small-angle oscillations demonstrate approximate simple harmonic motion.
49	Outdoor Models	Musical Tubes	9 L × 1 W × 8 H	Ground mounted	GI supporting frame with SS tubes of different lengths, tuned to produce different musical notes. Includes attached soft-headed strikers and note labels to demonstrate vibration and pitch.
50	Outdoor Models	Plank Model of Colours and Heat	5 Diameter × 2 H	Ground mounted in direct sunlight	Proposed GI and MS structure supporting identical metal plates with different coloured finishes and temperature indicators. Demonstrates

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
					differences in heating under sunlight. Material and dimensions tentatively taken from the reference's "Planck's Law" model; exhibit identity requires confirmation.
51	Outdoor Models	Parabolic Dish – Whispering Disks	3 L × 4.5 W × 3 H per-dish	Two ground-mounted units facing each other	Pair of GI parabolic dishes with speaking/listening points at their focal positions. Demonstrates reflection and focusing of sound. Dish separation and alignment to be finalised according to site conditions.
52	Outdoor Models	Revolving Periscope	1 Diameter × 8 H	Ground mounted	GI tubular body with upper and lower mirrors mounted at 45°, protected viewing openings and a manually revolving assembly. Demonstrates successive reflection and viewing above obstructions.
53	Outdoor Models	Archimedes' Screw	6 L × 2 W × 2 H	Ground mounted near water provision	GI supporting frame with inclined PVC tube, internal helical screw and hand crank. Rotation lifts water from a lower reservoir to an upper outlet; includes collection and return arrangement.
54	Outdoor Models	Lift Yourself	5 Diameter × 8 H	Ground anchored on a level foundation	Proposed GI/MS frame with suspended seat, pulley arrangement

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
					and user-operated rope. Demonstrates mechanical advantage by allowing users to raise themselves. Includes controlled travel, guarded pulleys and a rated load to be established during detailed design.
55	Outdoor Models	Loop the Loop	9 L × 3.75 W × 8 H	Ground mounted	GI structure with descending ball track and vertical loop. An adjustable release position allows visitors to explore how starting height affects completion of the loop. Includes ball-retention guards and a collection tray.
56	Outdoor Models	Gravity Ball	5 L × 7 W × 7 H	Ground mounted	GI supporting structure with guided ball tracks, elevated release point and collection arrangement. Visitors release a ball to observe gravity-driven motion and conversion of potential energy into kinetic energy. Final track arrangement to follow the approved model design.
57	Outdoor Models	Straight Bar Passing Parabola	3 L × 4 W × 6 H	Ground mounted	GI frame with a curved opening and a straight bar mounted on a manually operated rotating assembly. Bar angle, rotation axis and opening profile are coordinated to allow passage without contact,

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features
					demonstrating geometric relationships.
58	Outdoor Models	Mobius Band Model	5 L × 3 W × 6 H	Ground mounted	GI structure incorporating a continuous band with a half-twist, smooth edges and a marked tracing path. Visitors follow the surface and edge to explore the properties of a Möbius band.
59	Outdoor Models	Lissajous Figures	3 L × 4 W × 8 H	Ground mounted under a weather-protected shelter	Proposed GI/MS frame with a compound pendulum and tracing arrangement. Two perpendicular oscillations combine to generate patterns; adjustable suspension settings allow visitors to explore changes in the figures. Final mechanism and dimensions to be confirmed.
60	Outdoor Models	Mass & Inertia	6 L × 1 W × 6 H	Ground mounted	GI supporting structure with proposed captive movable elements of different masses and manual operating handles. Visitors compare the effort required to start, change and stop motion. Final mechanism to follow the approved reference design.

**Note: The above dimensions and specs are indicative, better specifications and bigger sizes may also be considered on merits. EdCIL reserves its rights to accept/modify/reject any or all of the items offered by the bidders. No claim on whatsoever ground shall be entertained.*

**Note: The quoted cost for each item shall be inclusive of transportation, foundation, and all associated concrete work.*

5.2 **Due date**: The tender has to be submitted online before the due date & time as mentioned in the NIT or any later notification.

5.3 **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.

5.4 **EMD:**

EMD (earnest money deposit) of **Rs. 80,000/- (Rs. Eighty Thousand 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 90 days beyond the period of validity of the tender. The Bid submitted without EMD shall be considered as NON-RESPONSIVE and liable to be rejected.

- **In case of Demand Draft,** The Bidder should submit EMD through Demand Draft drawn in favour of "EdCIL (India) Limited" payable at Noida.
- **In case of EMD through Direct Bank Transfer**, NEFT/RTGS to the bank details for the transfer of funds is as below:

  A/c Holder's Name: EdCIL India Limited
  Bank Name - BANK-SBI- 36830596465
  A/c No.- 36830596465
  Branch & IFS Code - New Delhi & SBIN0019087

  The scanned copy of NEFT or RTGS payment receipt (UTR number) to be submitted with the technical bid.
- **In case of BG,** EMD to be submitted as per format of BG given. The BG should be valid till 90 days after the bid validity date.

Note: Bidders registered with MSE are exempted for submission of EMD and other guidelines by the MSME Ministry, GOI. applicable as on the date of NIT. EMD is exempted from Micro and Small Enterprises **(MSEs)** as defined by Department of MSME or registered with Central Purchase Organization or the ministry or Department.

5.5 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 work order value** from a Nationalized/ Scheduled Bank (as per the list enclosed) operating in India.

5.6 Pre-bid Clarifications

The queries may be submitted by the prospective bidders through email in the prescribed format till 31/10/26 upto 6:00 PM only. EdCIL will respond to the queries raised on the tender document, received not later than the dates prescribed in Invitation for Bids / Key events and dates. The clarifications will be uploaded on the EdCIL's website. The clarification shall be asked as per the given format only.

Sl.	Page No. of the RFP Document	Section No. of the RFP Document	Proposed Change	Reason of Proposed Change

5.7 **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.

5.8 ELIGIBILITY CRITERIA:

The minimum eligibility criteria to enter into QCBS mode is given as under: (Documentation must be provided in support of the minimum Eligibility Criteria otherwise bids will be summarily rejected for further process)

Sl.	Basic Requirement	Basic Eligibility Criteria	Supporting Document to be submitted along with the technical bid
1.	**Legal Entity**	The bidder must be a Company (Ltd. Or Pvt. Ltd.)/Proprietary /Partnership Firms/LLP registered with Statutory Authorities **in India for the last 5 years** from the date of NIT. Consortium/Joint Venture is **NOT** allowed.	(a) Certificate of Registration / Incorporation under the respective Acts/ Authorities in India. (b) The respective Memorandum of Association / Partnership Deed.
2.	**Original model/Equipment Manufacturer OR Authorised Dealer/Agency**	Only Original model/equipment Manufacturer OR Authorized dealer/agency of Original Equipment Manufacturer (OEM)/ having experience in manufacturing/supply of scientific models and equipment are eligible to apply.	In case of OEM, valid Proof of the agency as OEM (Self Manufacturer Authorization) is required to be submitted. In case of Authorized dealer/ agency of OEM, Latest Manufacture Authorization letter-MAF from OEM for supplies mentioned in this tender.
3.	**Tax Registration**	The bidder should have a registered number of i. GST	(a) GST Registration Certificate (b) PAN Card photocopy

		ii. PAN number	
4.	**Annual Turnover**	The **total average Annual turnover** of the bidder firm should be minimum **Rs. 1 Crore** (Rs. One Crore only) of the last three financial years (2023-24, 2024-25, 2025-26).	Certificate from the Chartered Accountant with valid UDIN /Statutory Auditor and copy of financial statement.
5.	**Government Projects**	The bidder should have done **at least one** Science museum/ Science Park/ Educational Aids projects in the last five financial years (2021-22, 2022-23, 2023-24, 2024-25, 2025-26), for Govt entity/any Central/ State / Autonomous/ Public Sector organization.	Work order/agreement /Completion Certificate/ Handing over Certificate / Final bill copy indicating cumulative work done is required to be submitted.
6.	**Relevant Experience**	The bidder firm, during the last three financial years (2023–24, 2024–25, 2025–26), should have executed work as follows: **At least ONE** work order of Science Park/ Science Museum/ Educational Aids of minimum value of **Rs. 33 Lakhs** **OR** **At least TWO Work orders of** Science Park/ Science Museum/ Educational Aids of minimum value of **Rs. 25 Lakhs** **OR** **At least THREE Work orders of** Science Park/ Science Museum/ Educational Aids of minimum value of **Rs. 15 Lakhs**	work order/agreement along with Completion Certificate/ Handing over Certificate / Final bill copy duly attested by Chartered Accountant, indicating cumulative work done is required to be submitted.
7.	**Blacklisting**	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 on the date of submission of Bid.	Hard Copy of undertaking signed by authorized signatory of bidder should be submitted with the technical bid. Format enclosed as **Annexure III.**

5.9 Evaluation of Proposals

5.9.1 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.

5.9.2 Evaluation Criteria:

(i) The eligible bidder (as per clause no. 5.8) 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 **total average Annual turnover** of the bidder firm should be minimum **Rs. 1 Crore** (Rs. One Crore only) of the last three financial years (2023-24, 2024-25, 2025-26). (i) Rs. 1 Crore to < 2 Crores = 3 Marks, (ii) > Rs. 2 Crore = 5 Marks;	5
2	Bidder must have successfully executed at least 1 nos. project of Minimum work value of Rs. 15 Lakh for Science Park/ Science Museum/ Educational Aids in any one of the last Three financial years (2023-24, 2024-25, 2025-26). Rs. 15 lakhs < Rs. 50 lakhs = 5 Marks, Rs. 50 lakhs < 80 Lakh:= 10 Marks, > Rs. 80 Lakh = 15 Marks; For Each project, separate work order/ Completion Certificate/ Handing over Certificate / Final bill copy indicating cumulative work done is required.	15
3	Bidder must have successfully executed at least 1 nos. project for Science Park or Science Museum in any one of the last Three financial years (2023-24, 2024-25, 2025-26). Number of Orders: 01 (one) order = 5 Marks 02 (two) or more orders = 10 Marks For Each project, separate work order/ Completion Certificate/ Handing over Certificate / Final bill copy indicating cumulative work done is required.	10

4	Bidder must have successfully executed at least 1 nos. project for Fun Science Gallery in any one of the last Three financial years (2023-24, 2024-25, 2025-26). Number of Orders: 01 (one) order = 3 Marks 02 (two) or more orders = 5 Marks For Each project, separate work order/ Completion Certificate/ Handing over Certificate / Final bill copy indicating cumulative work done is required.	5
5	Bidder must have successfully executed Science Park/ Science Museum/ Educational Aids projects targeting **minimum total 50 schools** in the last five financial years (2021-22, 2022-23, 2023-24, 2024-25, 2025-26) 50-100 No. of schools= 5 Marks, >100 No. of Schools = 10 Marks; For project, separate work order/ Completion Certificate/ Handing over Certificate / Final bill copy indicating cumulative work done is required indicating number of schools is required to be submitted.	10
6	Bidder must have conducted minimum 30 Teacher Training in the past three financial years (2023-24, 2024-25, 2025-26) 30-50 teacher training = 5 Marks, 50-70 teacher training = 10 Marks, >70 teacher training = 15 Marks; For Each project, separate work order/ Completion Certificate/ Handing over Certificate / Final bill copy indicating cumulative work done is required.	15
7	Certifications: The Bidder should have the following valid certificates: a) ISO 9001:2015 – Quality Management system b) ISO 10002:2018 – Customer Satisfaction One Certificate = 3 Marks Both Certificate = 5 Marks	5
	Presentation	
8	A technical/conceptual presentation along with a demonstration of the **proposed models and** equipment is to be given by the bidder. Technical Presentation should cover the following but not limited to: • Detailed site survey report along with site photos, working drawings suggesting the placement of the models and equipment. • Elaboration of Product under BOQ.	35

	• Sample - Videos/ Manuals/ Barcode availability • Elaboration in terms of manufacturing facility (in case of OEM), manufacturing/ supply capacity, quality of item • Availability of Pan India office/ facilities to supply the Products, Availability of Manpower, Warranty mechanism etc. • Brief on experience related to the Scope of Work with emphasis on Government /PSU projects • Methodology of Execution • Cash Flow requirement • Availability of dedicated Toll-free number	
	TOTAL (1+2+3+4+5+6+7+8)	**100**

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:

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

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.

5.9.3 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.

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

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

5.9.4 Final Evaluation:

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

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

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

5.9.5 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.

5.10 Performance Security:

The successful bidder should be required to deposit Performance Bank Guarantee equivalent to **3% of 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 (refer Annexure-XVI)** 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**.

5.11 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.

5.12 Delivery Schedule:

The Delivery should be completed within **90 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.

5.13 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 Science Museum & Science Park Equipment;	D+ 90

2. Installation, Demonstration/Presentation to all teachers and Students.	D+ 120
➢ D- Denotes the date of issue of work Order. ➢ 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.	

Note:

1. ***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 present school infrastructure, 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.***
2. ***The successful bidder has to depute their full-time supervisor during execution till handing over for successful completion of the work.***

5.14Packing Instructions: Each package will be marked on three sides with proper paint/ indelible ink, the following:

i. Item Nomenclature
ii. Order/Contract No.
iii. Country of Origin of Goods
iv. 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.

5.15Unloading 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.

5.16Delivery 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.

5.17 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 91st 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 on the reasons beyond control of the successful bidder or EdCIL.

Once the maximum LD value is reached, EdCIL has the right to terminate/foreclose 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.

5.18 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.

5.19Rates:

i. The rate should be quoted in per unit (with breakup) and must include all packing, delivery and installation charges with necessary insurance and taxes. The offer/bid should be exclusive of taxes and duties, which will be paid as applicable on the date of bill. 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 that Financial Bid will not be considered.

iii. Installation/commission/ labour/ machine / lead lifts/ nothing extra shall be paid beyond the offered rates.

5.20Notices: 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,
Science Museum & Science Park,
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)

5.21Resolution 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.

5.22 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.

5.23 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.

5.24 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.

5.25 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.

5.26 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.

5.27 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.

5.28 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.

5.29Applicable 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.

5.30Notices

- 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.

5.31 Taxes

Successful bidders 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.

5.32 Payment Terms:

i) **70%** payment shall be made against delivery of all the BOQ items as per PO (or part thereof in terms of number of schools) delivered and submission of delivery certificate issued by the authorities.

ii) **25%** payment after completion of installation and handing over certificate;

iii) **5%** payment after the completion of warranty period i.e. **1 (ONE)** year.

Note 1: Payment terms may vary according to payment terms with EDCIL's Client.

Note 2: On receipt of advance from client, 20% of work order amount may be released to the successful bidder on submission of the equivalent amount of Bank guarantee.

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.**

5.33User 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.

5.34Manuals 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.

5.35Application 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.

5.36Site Preparation:

I. The successful bidder should visit the School and see the site where the items is to be installed and should offer his advice and render assistance to the school 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 school 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.

5.37Spare 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.

5.38Defective 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 bidders 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 .

5.39Termination 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.

5.40 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.

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

5.42 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.

5.43 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.

5.44 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.

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

ANNEXURE-I

<< 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 II

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- Setting up of a District-Level Science Museum & Science Park.

This bears reference to EdCIL ***NIT NO: EdCIL/EIS & EPS/PROC/2026-27/*SM-SP *Dated 23.10.2026***. 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 III

SELF DECLARATION - NON-BLACKLISTING

(On Non-Judicial Stamp Paper of Rs. 100/- duly attested by the Notary Public)

To,
Chief General Manager (EIS & EPS),
EdCIL (India) Limited,
EdCIL House, 18A, Sector- 16A,
NOIDA, Uttar Pradesh, 201301

Sir,

In response to the Tender **NIT NO: NIT No.: EdCIL/EIS & EPS/PROC/2026-27/SM-SP Dated: -------.2026** for **"Setting up of a District-Level Science Museum & Science Park"**, I/ We hereby declare that presently our Company/ Service Provider M/s _____ is having unblemished record and is not black-listed for corrupt & fraudulent practises or non-performance/ debarred either indefinitely or for a particular period of time by any State/ Central Government/ PSU/ Autonomous Body on the date of bid submission.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/our EMD may be forfeited in full and the tender if any, to the extent accepted be cancelled.

Thanking You,

Yours Faithfully,

Name of Bidder: _____

Authorized Signatory: _____

Seal of the Organization: _____

ANNEXURE IV

Annual Turn Over for last 3 Financial Year ending March 2026: -

Sl. No.	Financial Year	Annual Turn over
1.	2023-2024	
2.	2024-2025	
3.	2025-2026	

Note: Certificate from Statutory Auditor/ Charted Accountant having UDIN No. certifying balance sheet only for all three years to be attached.

ANNEXURE-V

Details of Relevant Projects Completed in last 5 FY ending March 2026

Name of the Firm:

S. No.	Name of the Projects	Order No. & Date	Description of Order	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.								
8.								

Signature with Seal

ANNEXURE-VI

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

Name of the organization	**Year of Work Order**	**Total Value**	**Name of Client's Contact Person and other details**

ANNEXURE-VII

List of Science Park and Science Gallery conducted by the bidder in last 3 FY ending March 2026:

Name of the organization	Year	Description of Work	Name of Client's Contact Person and other details

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____

Contact No. : _____

ANNEXURE-VIII

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 Apostle certificate.

ANNEXURE-IX

LETTER OF BID SUBMISSION

To,

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

SUBJECT- Setting up of a District-Level Science Museum & Science Park

-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 – X

Name of the Bank: _____

To

EdCIL (India) Limited, Noida

PERFORMANCE BANK GUARANTE FORMAT

In consideration of the 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) Not withstanding 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-XI

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 a District-Level Science Museum & Science Park;**" 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 Dated .....2026.

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. ..... dated .....2026 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. <u>Commitments of Bidders</u>

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 TRANGRESSION**

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, incase 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 b 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/SM-SP Dated 24.09.2026*** 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	BIDDER
Name of the Officer :	CHIEF EXECUTIVE OFFICER
Designation:	
Witness:	Witness
2. _____	1. _____
3. _____	2. _____

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

ANNEXURE XII

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 XIII

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 – XIV

FORM-A

DELIVERY 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 – XV

FORM-B

INSTALLATION CUM HANDING OVER CERTIFICATE
(to be completed by the Consignee)

1. The items mentioned as per details given below have been installed and handed over to the authorities. 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-XVI

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

Open, e-tender, Two packet, QCBS system-based invitation
for Selection of Agency
for
Setting up of a District-Level Science Museum & Science Park

NIT NO: EdCIL/EIS & EPS/PROC/2026-27/SM-SP
Date: 23.10.2026

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.

2. Financial Bid shall contain only the prices duly filled in as per the format given in Schedule of Rates provided in the tender document.

3. 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.

4. 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.

5. The bid shall be evaluated on total value of all items as shown in Excel sheet and the rate must be valid for any location in India.

6. 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%.

7. 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 "**Setting up of a District-Level Science Museum & Science Park**". 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 (Format Only)

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features	Qty	Unit Rate	Amount exc. Of tax	GST %	GST Amount	Amount inc. of tax
1	Machines & Newtonian Physics	Pulley Model	Panel: 6 W × 6 H; projection: 0.75	Wall mounted	Powder-coated MS frame; fixed, movable and compound pulley arrangements; aluminium/HDPE pulleys; nylon ropes; captive weights; pull handles and force indication for comparing mechanical advantage.						
2	Machines & Newtonian Physics	First-, Second- and Third-Class Levers	4 × 1.5 × 1.5	Tabletop	Three working lever assemblies on a common base; marked fulcrum, effort and load positions; adjustable captive weights; metal pivots and printed illustrations.						

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features	Qty	Unit Rate	Amount exc. Of tax	GST %	GST Amount	Amount inc. of tax
3	Machines & Newtonian Physics	Newton's Cradle	2 × 1.25 × 2	Tabletop	Five aligned steel balls with paired suspension cords; rigid MS/SS frame; controlled release arrangement and transparent containment. Demonstrates momentum and energy transfer.	1					
4	Machines & Newtonian Physics	Ring and Ball—Inertia	1.5 × 1.5 × 2	Tabletop	Vertical ring supporting a ball above a receiving cup; quick sideways ring-release mechanism; stable base and transparent enclosure to retain the ball.	1					
5	Machines & Newtonian Physics	Conservation of Momentum	4 × 1.25 × 1	Tabletop	Low-friction straight track; two collision trolleys; interchangeable masses; spring/magnetic bumpers and hook-	1					

Sl. No.	Category	Exhibit Name	Approx. Size in Feet	Placement	Proposed Specifications / Working Features	Qty	Unit Rate	Amount exc. Of tax	GST %	GST Amount	Amount inc. of tax
					and-loop coupling for contrasting elastic and inelastic collisions; end stops.						
6	Magnetism	Curie Point Demonstrator	2 × 1.5 × 2	Tabletop / enclosed cabinet	Low-Curie-temperature magnetic element; magnet; controlled electric heating; temperature sensor and visible movement indicator. Enclosed hot zone, thermal cutoff and facilitator operation.	1					
7	Electromagnetism	Oersted Experiment	2 × 1.5 × 0.75	Tabletop	Conductor positioned above a compass; current-limited DC supply; momentary switch; polarity reversal and current display. Shows compass deflection when current flows.	1					

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8	Energy Generation	Solar Energy Conversion Model	4 × 2 × 3.5	Floor-standing station	Composite display with solar panel powering a light, fan and miniature pump; voltage/current indication; separate solar-thermal illustration. Controlled illumination for indoor photovoltaic demonstrations.	1					
9	Electricity	Bulbs in Series and Parallel	Panel: 3 W × 3 H; projection: 0.5	Wall / sloping console	Two selectable circuits using matched low-voltage filament lamps; individual switches; current-limited supply and circuit graphics. Allows comparison of brightness and the effect of removing one lamp.	1					
10	Electricity	Losses in Energy Distribution	3 × 2 × 1.5	Tabletop	Two model transmission paths with known line resistance;	1					

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					selectable isolated low-voltage transmission arrangements; matched receiving loads and input/output measurements showing distribution losses.						
11	Electricity	Resistance of Metals	3 × 1.5 × 1	Tabletop	Interchangeable metal-wire samples of equal length and cross-section; selector switches; low-voltage supply; voltage/current measurement. Separate samples may demonstrate the effects of length and thickness.	1					
12	Light, Optics & Vision	Stroboscope	2 × 1.5 × 2	Enclosed tabletop	Variable-frequency LED strobe; guarded rotating patterned disc; speed/frequency controls and display.	1					

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					Demonstrates apparent stationary or slow motion; timed operation and flash notice.						
13	Light, Optics & Vision	Parrot–Cage Illusion	1.5 × 1 × 1.5	Tabletop	Double-sided disc carrying parrot and cage graphics; hand-operated rotation; bearing-supported shaft and protective cover. Demonstrates apparent merging of rapidly alternating images.	1					
14	Light, Optics & Vision	Infinity Well	3-ft diameter × 2.5 H	Floor standing	Circular mirror chamber; rear mirror, partially reflective upper panel and LED rings; MS support; protected viewing surface and enclosed power supply.	1					
15	Light,	Mirror Optics	4 × 2 × 1.5	Tabletop	Plane, concave and	1					

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	Optics & Vision			/ shaded enclosure	convex mirrors; enclosed LED ray box; marked optical board, object and screen; adjustable holders for reflection and image-formation activities.						
16	Light, Optics & Vision	Lens Optics	Not specified	Tabletop / shaded enclosure	Convex and concave lenses; illuminated object; screen; graduated optical track and secured sliding holders. Demonstrates convergence, divergence and real/virtual image formation.	1					
17	Light, Optics & Vision	Prism and Dispersion	Not specified	Tabletop / shaded enclosure	Optical glass prism; slit-type white-light source; collimating lens; adjustable prism mount and white screen. Demonstrates refraction and a	1					

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					visible spectrum.						
18	Light, Optics & Vision	Colour Shadows	Approximately 4 × 3 × 5 overall	Wall-side interactive station	Adjustable red, green and blue light sources; white screen; individual light switches and space for an object or hand. Demonstrates additive colour mixing and coloured shadows.	1					
19	Sound & Waves	Resonance	3 × 1.5 × 3	Tabletop	Variable-length air-column tube; speaker and adjustable tone generator; frequency display and microphone level indicator. Visitors adjust frequency or column length to identify resonance.	1					
20	Sound & Waves	Wave Motion	4 × 1.5 × 2	Tabletop	Approximately 25–30 connected rods/discs forming a mechanical wave	1					

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					demonstrator; manual excitation; adjustable end condition; protected frame. Shows travelling waves, reflection and standing-wave patterns.						
21	Heat	Set of Three Heat Models	Each approximately 2 × 1.5 × 2	Three tabletop modules	Conduction: comparative metal rods with temperature indicators. Convection: transparent chamber showing circulation. Radiation: enclosed radiant source with contrasting absorber surfaces and sensors. Controlled heating and guarded hot parts.	1					
22	Air & Water	Water Vortex	2 × 2 × 3.5	Floor-standing	Transparent cylindrical tank	1					

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				pedestal	approximately 12–15 inches in diameter; recirculating pump; tangential inlet; adjustable flow and drain point; enclosed reservoir and leak tray.						
23	Human Anatomy	DNA Model	2 × 2 × 5	Floor mounted	Double helix with approximately 12–15 colour-coded base pairs; FRP/acrylic components; central support; labelled nucleotide/base-pair key and stable pedestal.	1					
24	Other Models	Pendulum—Period and Length	4 × 1.5 × 5	Floor standing	Three pendulums of different effective lengths with equal-mass bobs; common release arrangement; length markings; timer/sensors and guarded swing	1					

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					zone.						
25	Other Models	Pendulum—Period and Mass	Not specified	Not specified	Three equal-length pendulums with similar-shaped bobs of different masses; equal small-angle release; timer/sensors. Shows approximately equal periods under comparable conditions.	1					
26	Other Models	Hand Steadiness Tester	2 × 1.5 × 1.5	Tabletop	Shaped SS wire track; insulated loop handle; low-voltage contact detection; buzzer, LED and error counter; optional completion timer.	1					
27	Other Models	Wimshurst Electrostatic Machine*	2 × 1.5 × 2.5	Supervised tabletop	Commercial educational machine; approximately 12–16-inch counter-rotating discs; hand	1					

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					crank; collector combs and adjustable discharge electrodes. Guarded mechanism and discharge provision.						
28	Other Models	Fleming's Left- and Right-Hand Rules	3 × 2 × 1.5	Tabletop	Two modules: motor-force demonstration and hand-driven generator; labelled magnetic field, current and motion directions; reversible connections and indicator meter.	1					
29	Other Models	Working Telescope	Approximately 3 × 3 × 5 deployed	Tripod mounted / movable	Approximately 70-mm-aperture refractor telescope; stable alt-azimuth mount; two eyepieces; finder and protective caps. Requires access to an	1					

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					unobstructed outdoor viewing area; not for direct solar viewing.						
30	Other Models	Walking Robot	Robot: 1.5 × 1 × 1.5; platform: 3 × 2	Tabletop platform	Four- or six-legged linkage robot; geared motor or servo actuation; start/stop and speed controls; protected moving parts and bounded demonstration platform.	1					
31	Other Models	Ohm's Law Activity	2.5 × 1.5 × 1	Tabletop	Adjustable current-limited DC supply; selectable resistors; voltmeter, ammeter and protected terminals; worksheet/graph panel for comparing voltage and current at approximately constant temperature.	1					

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32	Other Models	Interactive Atomic Structure	Panel: 3 W × 3 H; projection: 0.75	Wall mounted	Simplified atomic model with selectable elements; illuminated proton, neutron and electron representations; push buttons; atomic-number/mass-number display and clearly labelled schematic shells.	1					
33	Other Models	Time Zones of Different Nations	Panel: 4 W × 3 H; projection: 0.5	Wall mounted	World-map graphic; approximately 6–8 city clocks; city and UTC-offset labels; programmable controller with provision for daylight-saving updates where applicable.	1					
34	Other Models	Missile Working Model	3 × 1.5 × 2	Tabletop / enclosed display	Non-launching cutaway replica; labelled body sections; animated LEDs illustrating	1					

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					flight stages; optional motorised elevation of the display stand. No propulsion, projectile or targeting mechanism.						
35	Other Models	Electronic Projection Microscope	3 × 2 × 4 overall	Tabletop station	Digital microscope with optical magnification; LED illumination; approximately 24–32-inch display; specimen stage; prepared slides and secure support. Displays specimens electronically for group viewing.	1					
36	Other Models	pH Testing Station	3 × 2 × 3 overall	Tabletop / wet activity counter	Digital pH meter; electrode stand; labelled sample holders; indicator-paper comparison chart; spill tray and storage. Mild demonstration	1					

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					solutions, calibration buffers and consumable replacement provision.						
37	Other Models	Herbal Spices Display	4 × 1.5 × 3.5	Wall-side cabinet	Approximately 12–16 labelled herb/spice samples in replaceable containers; botanical names, plant parts and culinary-use graphics; controlled scent ports where suitable.	1					
38	Other Models	Sundial	Dial: 2-ft diameter; overall H: 3	Outdoor pedestal / sunlit courtyard	Engraved metal dial and fixed gnomon designed for site latitude; orientation markings and local-solar-time explanation. Requires direct sunlight and correct alignment.	1					
39	Other	Square-	Trike:	Floor /	Square-wheel	1					

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	Models	Wheeled Trike	approximately 3.5 × 2 × 3; track: approximately 12 × 4	dedicated activity zone	tricycle with geometrically matched inverted-catenary track; engineered wheel/track dimensions; guarded ends and supervised operation. Load rating and stability to be established during design.						
40	Other Models	Tessellation Station	3 × 2 × 2.5 overall	Activity table	Durable coloured tiles including triangles, squares and hexagons; recessed work surface; pattern cards; storage trays and rounded edges.	1					
41	Other Models	Parallel-Line and Optical Illusions	Panel: 4 W × 3 H; projection: 0.25	Wall mounted	Approximately 6–8 printed illusion panels; removable straightedge or overlay to verify line relationships; durable laminated surfaces and	1					

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					explanations.						
42	Other Models	Tracks of Galileo	5 × 2 × 2	Tabletop / floor-standing frame	Two smooth ball tracks with common start/end elevations and different intermediate profiles; simultaneous release; arrival indicators; return tray and transparent containment. Demonstrates how track shape affects travel time.	1					
43	Other Models	Pascal's Triangle	Panel: 3 W × 3 H; projection: 0.5	Wall mounted	Approximately 8–10 rows of number cells; LEDs highlighting addition relationships, symmetry and row sums; push-button selection and explanatory graphics.	1					

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44	Other Models	Visual Proof of Pythagoras' Theorem	Panel: 3 W × 3 H; projection: 0.75	Wall mounted / rotating stand	Rotatable enclosed model with a right triangle and three proportional square chambers; coloured beads or liquid transfer demonstrating area equivalence; labelled side lengths and relationship.	1					
45	Other Models	Fibonacci Sequence and Golden Ratio	Panel: 4 W × 3 H; projection: 0.5	Wall mounted	Fibonacci number sequence; removable square tiles; quarter-circle spiral construction; selected natural-pattern images and ratio comparisons. Labels distinguish the constructed approximation from an exact golden spiral.	1					
46	Human Anatomy	Human Nerve Impulse Transmission	Panel: 3 W × 5 H; projection: 0.75	Wall mounted	Human outline showing sensory pathway, spinal cord/brain and	1					

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					motor pathway; sequential LEDs; stimulus button; separate reflex and voluntary-response demonstrations with adjustable animation speed.						
47	Human Anatomy	Full Human Body Working Model	Approximately 2.5 × 2 × 5.5	Floor mounted	FRP human figure with cutaway torso; labelled organs; sequential LEDs for circulation and nerve pathways; breathing movement and illuminated digestive pathway; push-button system selection and serviceable rear panel.	1					
48	Outdoor Models	Simple Harmonic Motion	3 L × 4.5 W × 5 H	Ground mounted	Proposed GI support frame with suspended pendulum, bearing-supported pivot and marked reference position.	1					

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					Visitors displace and release the pendulum to observe periodic motion; small-angle oscillations demonstrate approximate simple harmonic motion.						
49	Outdoor Models	Musical Tubes	9 L × 1 W × 8 H	Ground mounted	GI supporting frame with SS tubes of different lengths, tuned to produce different musical notes. Includes attached soft-headed strikers and note labels to demonstrate vibration and pitch.	1					
50	Outdoor Models	Plank Model of Colours and Heat	5 Diameter × 2 H	Ground mounted in direct sunlight	Proposed GI and MS structure supporting identical metal plates with different coloured finishes and temperature indicators. Demonstrates	1					

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					differences in heating under sunlight. Material and dimensions tentatively taken from the reference's "Planck's Law" model; exhibit identity requires confirmation.						
51	Outdoor Models	Parabolic Dish – Whispering Disks	3 L × 4.5 W × 3 H per-dish	Two ground-mounted units facing each other	Pair of GI parabolic dishes with speaking/listening points at their focal positions. Demonstrates reflection and focusing of sound. Dish separation and alignment to be finalised according to site conditions.	1					
52	Outdoor Models	Revolving Periscope	1 Diameter × 8 H	Ground mounted	GI tubular body with upper and lower mirrors mounted at 45°, protected viewing openings and a	1					

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					manually revolving assembly. Demonstrates successive reflection and viewing above obstructions.						
53	Outdoor Models	Archimedes' Screw	6 L × 2 W × 2 H	Ground mounted near water provision	GI supporting frame with inclined PVC tube, internal helical screw and hand crank. Rotation lifts water from a lower reservoir to an upper outlet; includes collection and return arrangement.	1					
54	Outdoor Models	Lift Yourself	5 Diameter × 8 H	Ground anchored on a level foundation	Proposed GI/MS frame with suspended seat, pulley arrangement and user-operated rope. Demonstrates mechanical advantage by allowing users to	1					

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					raise themselves. Includes controlled travel, guarded pulleys and a rated load to be established during detailed design.						
55	Outdoor Models	Loop the Loop	9 L × 3.75 W × 8 H	Ground mounted	GI structure with descending ball track and vertical loop. An adjustable release position allows visitors to explore how starting height affects completion of the loop. Includes ball-retention guards and a collection tray.	1					
56	Outdoor Models	Gravity Ball	5 L × 7 W × 7 H	Ground mounted	GI supporting structure with guided ball tracks, elevated release point and collection arrangement. Visitors release a ball to observe	1					

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					gravity-driven motion and conversion of potential energy into kinetic energy. Final track arrangement to follow the approved model design.						
57	Outdoor Models	Straight Bar Passing Parabola	3 L × 4 W × 6 H	Ground mounted	GI frame with a curved opening and a straight bar mounted on a manually operated rotating assembly. Bar angle, rotation axis and opening profile are coordinated to allow passage without contact, demonstrating geometric relationships.	1					
58	Outdoor Models	Mobius Band Model	5 L × 3 W × 6 H	Ground mounted	GI structure incorporating a continuous band with a half-twist, smooth edges and	1					

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					a marked tracing path. Visitors follow the surface and edge to explore the properties of a Möbius band.						
59	Outdoor Models	Lissajous Figures	3 L × 4 W × 8 H	Ground mounted under a weather-protected shelter	Proposed GI/MS frame with a compound pendulum and tracing arrangement. Two perpendicular oscillations combine to generate patterns; adjustable suspension settings allow visitors to explore changes in the figures. Final mechanism and dimensions to be confirmed.	1					
60	Outdoor Models	Mass & Inertia	6 L × 1 W × 6 H	Ground mounted	GI supporting structure with proposed captive movable elements	1					

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					of different masses and manual operating handles. Visitors compare the effort required to start, change and stop motion. Final mechanism to follow the approved reference design.						
61	All area	Table and space decoration			Table and space decoration for all the above items wherever required.	1					

I. *Unit price should include the cost of warranty for one year and freight and other charges such as loading/unloading, storage etc.*

II. *The quoted cost for each item shall be inclusive of* ***transportation, foundation, and all associated concrete work****.*

III. *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.*

IV. *In case of discrepancy between unit price and total amount, the unit price shall prevail.*

V. *Bids shall be evaluated based on total amount with taxes.*

VI. *The bidder quoting for the above items then the bidder has to comply with all the specifications as prescribed in the RFP.*