

REQUEST FOR PROPOSAL

For

Supply & Installation

Of

50 STEM LAB

IN GOVERNMENT SCHOOLS IN VIDISHA (M.P.)

EDUCATION DEPARTMENT, VIDISHA

GOVERNMENT OF MADHYA

PRADESH

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Request for Proposal-NOTICE INVITING TENDER

The Education Department, Vidisha invites participants in QCBS (Quality and Cost Based Selection) from eligible and qualified Original Equipment Manufacturers/Authorized Distributors of OEM/Authorized Dealers for the Supply & Installation at site for STEM Lab in 50 Government HS/HSS schools in Vidisha. The details are summarized below: -

a)	Purchaser	District education office ,Vidisha
b)	Usage of STEM-LAB	The purchaser would supply STEM Lab materials to strengthen the educational do & Learn activities in the government schools in district .
c)	Scope of Tender	Supply & Installation of STEM Lab components (as mentioned in Annexure A) in Vidisha district.
d)	Specification/ details of Work	The detailed technical specifications of STEM Lab are specified in tender and placed at Annexure-A
e)	Location of supplies	The STEM Lab Is proposed to be supplied and installed in 50 Government HS/HSS Schools in Vidisha District
f)	Earnest Money Deposit (EMD)along with Tender	EMD of INR 3,00,000/- shall be submitted in the form of DD/ FDR in favor of 'District Education Officer, Vidisha
g)	Tender fee	Tender fees of rupees RS 2000/- two thousand shall be paid in favor of district education office Vidisha (m.p)
h)	Last date of Submission of tender	04.05.2026 (04 MAY 2026)
i)	Performance bank guarantee	3% of contract value as per purchase rules
j)	Date of opening of Technical Bid	05.05.2026 (05 MAY 2026)
k)	Date of opening of Financial Bid	After Technical Evaluation of bid.
l)	Minimum Turnover Requirement	The bidder must have a minimum average annual turnover of 3 crore INR during the last three financial years.
m)	Similar Past Experience	The bidder must have successfully executed minimum 50 lakhs work order and completion certificate of establishment of STEM labs in schools (Govt./██████/Govt. Aided) in last 3 years with supporting documentary evidence.
n)	Blacklisting	Bidders blacklisted by any Central/State Government Department, PSU or Autonomous Body shall not be eligible to participate.
o)	Payment Terms	Payment to the successful bidder shall be made on a milestone basis as per mentioned in this bid document subject to satisfactory performance.

INSTRUCTIONS TO THE TENDERERS

The Tender shall be submitted in accordance with the instructions, as under:

1. Contact Details

Bidder shall submit their bids on mp tenders portal | Contact details of the District Education Office ("referred to as "purchaser") is as mentioned below:

1.	Contact Details of Purchaser	<p>Name: Mr. Shishupal Singh Jatav</p> <p>Designation: District Education Officer Vidisha</p> <p>Office name: Office of the District Education Officer</p> <p>Office Address: Near BTI, Vidisha Madhya Pradesh</p> <p>Email: deovid-mp@nic.in, Vidisha.rmsa@gmail.com</p>
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Clarifications if any, should be submitted on www.mptenders.gov.in portal. There after the clarifications received from the bidders will not be entertained.

2. Eligibility Criteria

Eligibility Criteria for the bidder:

The pre-qualification/Eligibility Criteria for the bidder are as follow:

Sn	Criteria of Bidder	Supporting Document
1.	The Bidder shall be a legally registered entity in Madhya Pradesh.	Certificates of Registration Gumasta Certificates along with relevant legal document
2.	The Bidder must have average annual turnover of Rs. 3 CR in last three financial years i.e., FY2022-23, FY2023-24 & FY2024-25	The copies of Audited Annual Accounts/Statutory CA Certificate with UDIN number for last three years shall be uploaded along with the bid.
3.	Experience	The bidder must have successfully executed minimum 50 Lakhs work order and completion certificate of establishment of STEMLAB in schools (Govt./██████/Govt. Aided) in last three years with supporting documentary evidence.

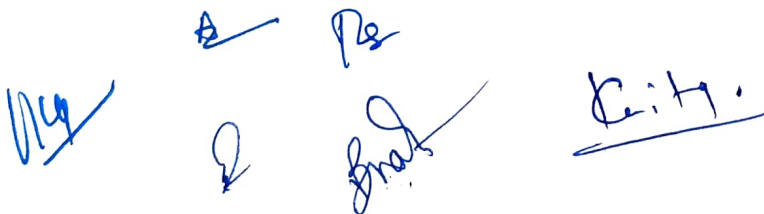
4	The bidder must submit an undertaking that they have not been black-listed/ debarred by any state government/central government/PSU in last three years As on last date of bid submission.	Undertaking on the 500/- Rupees Stamp paper duly Notarized that the firm has never been blacklisted/barred (temporary or permanent) and disqualified by any state government/ central government / PSU undertaking in India needs to be furnished.
5.	Bidder should submit the undertaking of No deviation for the Technical Specifications ask in bid.	Signed No Deviation Certificate from Bidder
6	The Bidder must submit their valid PAN,GST Registration Certificate	Valid PAN & GST Registration Certificate
7	EMD Fees	Original Hardcopy of EMD fees FDR /DD should be submitted in office before bid closing date. Otherwise disqualified.

Other Terms & Conditions-

1. Vendors should clearly indicate the timeline for delivery of packages, installation and training. The delivery time should not be more than 60 days .
2. The vendor should provide all required documents for verification by the school at the time of purchase of equipment. Authorized signatory must sign the documents.
3. In case the vendors are third party vendors or channel partners, they should ensure timely availability of all equipment and associated services to the school, to avoid any delay or inconvenience to the schools.
4. The Vendor must ensure the quality of the supplied item and requisite services are satisfactory and up to mark. If the same is not found satisfactory for whatsoever reason, the supplier shall be blacklisted and necessary administrative action shall be taken against them.
5. All procurement shall be made through the MP tenders' portal. Schools are instructed to follow the procurement guidelines .

Note: Consortium in any form will not be permitted.

The responsibility of applicable GST will be of bidder/OEM only as per the category of the product & applicability of GST rate. Dept. will not take any responsibility or make any additional payment if any tax liability arises. Bidders are required to submit undertaking letter for the same along with technical bid.



3. Location of supplies:

- a) The details of locations where the STEM LAB Installation is required through this tender is as under:

S.N	Location	Address for supplies
1	Vidisha District, Madhya Pradesh	50 Government HS/HSS Schools in Vidisha District (M.P.) as per list enclosed in bid

- b) The bidder is free to inspect the location(s) in the premises before submitting the bid under this tender.

4. Earnest Money Deposit(EMD)

EMD Amount is as mentioned in the bid.

Bidder has to submit the scanned copy of the proof of EMD in their technical bid and submit the original copy in office till the date of bid closing and it shall be submitted in the form of DD/ FDR in favor of 'District Education Officer, Vidisha

5. Performance Guarantee Deposit(PG)

Performance bank Guarantee of 3% of contract value as per purchase rules submitted by successful bidder .

6. Technical Evaluation of the bid

1. Preliminary Scrutiny

- Check if the bid is complete, signed, and accompanied by the required documents.
- Verify EMD (Earnest Money Deposit) or Bid Security.
- Reject bids that are non-responsive (missing documents, unsigned, etc.).

2. Eligibility Criteria Verification

- Company registration, PAN, GST certificate, etc.
- Financial capacity (turnover).
- Experience certificates /work completion certificates.

3. Compliance with Technical Specifications

- Compare offered goods/services with the technical specifications in the tender.
- Ensure the product/service meets minimum performance benchmarks.

7. Financial Evaluation of the bid

- Only of those bidders who qualify the technical evaluation.
- The L1 bidder will be selected based on the lowest total quoted amount for the entire bid, subject to responsiveness and budget compliance.
- Financial bid must be submitted only in BOQ available with RFP on MPTENDER.

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8. Scope of Supplies:

- District education office, Vidisha requires Supply & Installation of STEM Lab in 50 Government HS/HSS in Vidisha district.
- The bidder shall coordinate with the assigned authorities regarding the work.
- The bidder must follow safety measures and minimize disruption to school activities.
- Any defects, fading, or peeling within six months of completion must be rectified by the firm at no extra cost.

9. Delivery

- The purchaser is interested in complete delivery of the STEM LAB work by the bidder within 60 (sixty) calendar days from the date of issue of supply order. If the selected bidder fails to deliver STEM Lab items within 60 days from the date of issue of supply order by the purchaser, then penalty of 1000/- rupees per day shall be imposed on the selected bidder till complete supply of the order.
- The services shall be inspected post completion at site.
- Any defects, fading, or peeling within six (6) months of completion must be rectified by the firm at no extra cost.
- The purchaser is not liable to pay any extra charges on any account during the warranty period.

10. Warranty

- a) The equipment/items supplied shall be under comprehensive onsite warranty for a period of Two (02) years from the date of successful installation and commissioning. During the warranty period, the vendor shall provide free replacement/repair of defective parts, labor transportation, and service without any additional cost.
- b) Service response Time
The vendor shall ensure response within 48hours (or as specified by the department) of receiving a complaint during both warranties.

11. Tender Total Budget/Estimated cost.

1. Estimated Cost/Tender Value. -
The estimated cost of this tender/work is INR 1 cr (Rupees ONE CRORE only). This estimate is inclusive of all applicable taxes, duties, and levies (as specified by the department).
2. Financial Limit -
Bidders are required to quote their prices within the overall estimated cost mentioned above. Any bid quoting beyond the total estimated cost may be liable for rejection.

- 3. Price Validity -
The quoted prices shall remain valid for a period of 180 days from the date of opening of financial bids.
- 4. Inclusive Items -
The total budget shall cover supply, installation, testing, commissioning warranty, and AMC, along with all allied services as per tender terms.

12. Validity of Bid:

The bid shall be valid for a period of 180 days from the date of opening of the Technical Bid of tender. Terms and financial details submitted in the bid shall be treated as firm during the said period of 180 days.

In exceptional circumstances, prior to the expiry of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing.

12. Notification of Award:

Prior to the expiry of the period of bid validity, the purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification letter shall specify the sum that the Purchaser will pay to the bidder in consideration of the supply of STEM Lab materials with the details of selected location(s).

13. Payment:

a) The payment will be made on a milestone basis with the following timeline:

Milestone	Month (TO-Date of Award of Contract)	Deliverables	Amount to be disbursed
Milestone 1	TO	Submission of DPR	-
Milestone 2	TO+1	Delivery of 50% items of STEM Lab	50%
Milestone 3	TO +2	Delivery of 100% items of STEM Lab	50%

b) For this, the bidder shall send bills in original and photocopy after Supply of STEM Lab materials, giving the reference number of the purchase order along with copies of delivery note .

14. Causes of Rejection of Tender:

- a) While submitting the tender, if any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender is liable to be rejected.
- b) If any Bidder stipulates any condition of his own, such conditional tender is liable to be rejected.
- c) Submission of Financial bid with Technical bid.



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15. Address for communication:

All the communication with respect to the tender shall be
District Education Office, Vidisha,
Madhya Pradesh, PIN-464001

16. Jurisdiction:

In the event of any dispute the legal matter shall be subjected to the jurisdiction of Vidisha only.

We confirm with our acceptance to the instructions (S.No-1 to 16 above) as given above.

BIDDER'S NAME & SIGNATURE WITH SEAL

These duly signed "Instructions to the Tenders" as under shall be attached with technical bid of the tender as a mark of acceptance of bidder and any tender not confirming the instructions as under is liable to be rejected .

City:

ANNEXURE-A

S no	Materials	Qty	Qty For 50 Schools	Specification
1	Battery 9 V	100	5000	Heavy-duty 9V DC battery providing reliable power for devices such as smoke detectors, wireless microphones, multimeters and STEM activities such as Hands-On model, project making etc..
2	Battery cap	100	5000	9V snap connector with insulated leads.
3	7/38 Color wire (Ra-6Wire) 20 Meter	1	50	Its characteristics include tinned copper conductors, Polyvinyl Chloride (PVC) insulation, and a 300-volt rating.
4	D size cell (Every day)	7	350	1.5V heavy-duty dry cell battery provides consistent and stable power supply.
5	Switch	150	7500	Low-voltage on/off toggle switch.
6	Mini Buzzer	8	400	Typically ranges from 3V to 12V DC piezo buzzer for sound indication.
7	Big Buzzer	8	400	High-decibel DC buzzer for alarm projects.
8	Solar Plate 4 v	7	350	4V mini solar panel for renewable energy demonstrations.
9	LED 5 MM (Red, Yellow, Green and Blue)	300	15000	5mm LEDs (Red, Yellow, Green, Blue and multi colours) for indicator circuits.
10	LED 10 MM	20	1000	High-brightness 10mm LED for demonstration models.
11	AA cell 1.5 V	50	2500	Standard 1.5V AA battery fits seamlessly into compatible devices
12	Crocodile clip	30	1500	Insulated test clip for temporary circuit connections.
13	Mini Bulb	10	500	Low-voltage incandescent bulb for simple circuits.
14	Mini Bulb Holder	10	500	Compatible holder for mini bulb mounting.
15	USB Cable	6	300	Standard USB cable for 5V power supply.
16	Rubber Sleeve 2 mm	10	500	Heat-shrink insulation sleeve for wire protection.
17	PCB 3*2	6	300	General-purpose printed circuit board (3x2 inch).
18	Multi Colour LED (5 MM)	30	1500	RGB LED for multi-color light projects.
19	8 pin IC Socket	10	500	DIP 8-pin IC holder for secure mounting.
20	5 v Relay	5	250	5V DC electromagnetic relay module.
21	12 V Relay	5	250	12V DC electromagnetic relay module.
22	12 V Adaptor 2 Amp	2	100	Regulated 12V DC 2A power adapter.
23	5 V Adaptor 2 Amp	2	100	Regulated 5V DC 2A power adapter.
24	Diode 4007	5	250	General-purpose rectifier diode (1000V, 1A).

25	IC 7805	10	500	5V voltage regulator IC.
26	Bread board	10	500	400 Solder-less Points 2 Power Lanes, Tie points 100 1 Double Strip, Tie Point 300 Size – 8.2 x 5.5 x 0.85 cm Ideal for Experimenting With Circuit Design In Labs Compatible with resistance, diodes, transistors, LEDs, Capacitors, and other types of electronic components Completely reusable Color coordinates for easy component placement. Phosphor bronze nickel plated spring clips. Accept a variety of wire sizes 20-29 AWG
27	DPDT Switch	10	500	Double Pole Double Throw switch.
28	18650 3.7V cell	20	1000	Rechargeable Li-ion battery (3.7V).
29	3 cell holder	2	100	Holder for 3 lithium cells.
30	AA 4 cell holder	2	100	Holder for 4 AA batteries.
31	Copper Wire 24 Gauge	1	50	Enamel coated copper wire for coil winding.
32	Copper Wire 36 Gauge	1	50	Thin copper winding wire.
33	flush type switch one way	10	500	Wall-mounted single control switch.
34	Three pin Socket	10	500	Standard 230V AC socket outlet.
35	Copper Wire 1 mm	1	50	Single-core insulated copper wire.
36	Three pin Top	5	250	3-pin plug top (230V AC).
37	Two way top	5	250	2-pin plug top.
38	18650 3.7V cell charging shocket	2	100	18650 3.7V Lithium battery charging module.
39	10 ohm Resistance	20	1000	Carbon film resistors, assorted values for current control
40	22 ohm Resistance	20	1000	Carbon film resistors, assorted values for current control
41	100 Ohm Resistance	20	1000	Carbon film resistors, assorted values for current control
42	220 Ohm Resistance	20	1000	Carbon film resistors, assorted values for current control
43	330 Ohm Resistance	20	1000	Carbon film resistors, assorted values for current control
44	1 K Ohm Resistance	20	1000	Carbon film resistors, assorted values for current control
45	10 K Ohm Resistance	20	1000	Carbon film resistors, assorted values for current control
46	27 K Ohm Resistance	20	1000	Carbon film resistors, assorted values for current control
47	220 K Ohm Resistance	20	1000	Carbon film resistors, assorted values for current control
48	100 K Ohm Resistance	20	1000	Carbon film resistors, assorted values for current control
49	270 ohm Resistance	20	1000	Carbon film resistors, assorted values for current control

50	Black electric wire	25meter	1250 meter	Black DC connection wire of approx. (1-2.5) sq. mm
51	Red electric wire	25meter	1250 meter	Red DC connection wire of approx. (1-2.5) sq. mm
52	M to M	50	2500	Male-to-male jumper wires.
53	F to F	50	2500	Female-to-female jumper wires.
54	M to F	50	2500	Male-to-female jumper wires.
55	Tube Light Stater	5	250	Fluorescent tube starter.
56	Color Pulley	20	1000	Plastic pulley for motor and mechanical models.
57	Laser Light	5	250	Low-voltage indicator light module.
58	2N2222A transistor	20	1000	General-purpose NPN transistor for switching/amplification.
59	IC 555	20	1000	Timer IC for oscillator and delay circuits.
60	IC 4017	20	1000	Decade counter IC for LED sequencing.
61	Transistor BC 548	20	1000	NPN transistor (low power).
62	Transistor BC 549	20	1000	Low-noise NPN transistor.
63	NPN BC 547	20	1000	General-purpose NPN transistor.
64	LDR	10	500	Light Dependent Resistor for light sensing projects.
65	Gas Sensor	5	250	MQ series gas detection module.
66	PIR Sensor	10	500	Motion detection infrared sensor module.
67	Micro Speaker(Clap Sensor Mic.)	10	500	Sound detection microphone module.
68	IR sensor	5	250	Infrared proximity sensor module.
69	Flame Sensor	5	250	Fire/flame detection module.
70	Clap Sensor Module	5	250	Sound-trigger control module.
71	Power Bank Module	5	250	5V USB boost charging module.
72	soil sensor	5	250	Soil moisture detection module.
73	Rain Detector	2	100	Rain sensing board module.
74	Flame Detection System	2	100	Integrated fire alarm detection system.
75	Fire Alarm	5	250	Sound alert alarm module.
76	Laser Alarm	5	250	Laser-based security alarm system.
77	Water Alarm	5	250	Water level detection alarm module.
78	2 Cell holder	10	500	Holder for 2 AA batteries.
79	Double shaft motor	10	500	(5-12)V Dual shaft DC motor for robotics and vehicle models
80	DC Motor	7	350	Standard 3-12V DC motor for experiments and mechanical demonstrations
81	100 RPM Motor	5	250	Geared DC motor (5-12)V (100 RPM) for robotic car applications
82	Gear pulley	5	250	Plastic gear pulley for motion transmission
83	Solar Motor	5	250	Low-voltage DC motor compatible with solar panels

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84	Toy Motor	10	500	3–6V DC small hobby motor suitable for STEM models and school projects
85	Dynamo Motor	5	250	(3-12)V Small generator motor for energy conversion demonstrations
86	Exhaust Fan	5	250	(3-12)V Mini exhaust fan for ventilation demonstration
87	DC Fan	5	250	(3–12)V DC powered fan
88	USB Fan	5	250	(3-12)V USB powered portable fan
89	Toy Fan	5	250	Small plastic fan blade for hobby motor projects
90	Speed Car	2	100	Battery-operated toy car for motion study approx. 20cm in size
91	Soldering Iron	2	100	25–60W electric soldering iron for circuit assembly
92	Soldering wire	10	500	30 guage Lead-free solder wire for electronic connections
93	Soldering stand	2	100	Heat-resistant metal stand for soldering iron
94	Multimeter	2	100	Digital multimeter for voltage, current & resistance measurement
95	wire cutter	2	100	Insulated hand tool for cutting wires
96	tool kit	5	250	Mini electronics tool kit for assembly & repair
97	Flux	5	250	10gm Soldering flux paste for better joint conductivity
98	Neon Tester	2	100	Electrical phase tester screwdriver
99	Nose Plyer	2	100	Insulated long nose pliers for gripping & bending wires
100	Drone Kit	2	100	<p>Features: Various levels of complexity, suitable for different educational needs. 360° flips, flies forward/backward, sideways, and ascends/descends.</p> <p>Specifications: Pre-built drones for beginners and configurable drones for advanced students. These kits provide hands-on learning experiences in coding, aerodynamics, and real-world applications, making them valuable resources for students interested in STEM education.</p> <p>Material:- Plastic</p> <p>Weight: Approx (300-400) grams.</p> <p>Dimensions: Approx (15 x 10 x 4) cm.</p> <p>Includes LED lights for night flying. Weight 250g, Remote Controlled Device</p>
101	Second Generation 3D Pen	1	50	Low-temperature 3D printing pen for creative STEM prototyping
102	ESP32 ESP-32S WiFi IOT Development Board Starter Kit	1	50	WiFi & Bluetooth enabled microcontroller board for IoT projects
103	Multi-function 4W Robot Car kit	1	50	4-wheel drive robotic car chassis kit for Arduino-based robotics
104	Multipurpose Starter Kit for Arduino IDE	1	50	Complete beginner kit with sensors & modules for Arduino programming
105	Line Follower Robot	1	50	IR sensor-based autonomous path following robot

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106	Wooden solar wireless car kit	1	50	Solar-powered wooden car model for renewable energy demonstration
107	Arduino Whistle Detector Switch using Sound Sensor	1	50	Sound sensor-based switching system using Arduino
108	3D Printed Robot compatible with Arduino	1	50	3D printed robot body compatible with Arduino controller
109	Inflatable Rocket STEM Kit	1	50	Air pressure-based rocket model for physics experiments
110	MIRROR & LENS WOODEN STAND	6	300	Wooden holder stand for optics setup
111	Bluetooth Controlled Car Kit with Arduino	1	50	Mobile-controlled robotic vehicle using Bluetooth module
112	Arduino based smart Dustbin	1	50	Automatic lid opening dustbin using ultrasonic sensor
113	wireless remote-controlled car	1	50	Battery-operated RC vehicle for motion study
114	Air Suspension Ball Kit	1	50	Power Source -USB 5V or 2×AA (via driver) Nozzle Diameters - ~10–25 mm (interchangeable) Ball Sizes- ~30–40 mm (foam/ping-pong) Typical Hover Height 5–30 cm (depends on setup)
115	Raspberry Pi Beginners kit	2	100	Basic Raspberry Pi learning kit with essential accessories
116	STUDENT COMPOUND MICROSCOPE WITH 25 PREP SLIDES	1	50	Student Compound Microscope Kit with 25 Prepared Education slide magnification 100x to 1125x. Light source: LED type Material: Metal Product Dimension (L x W x H): Approx 30x20x45 centimeters.
117	EAR MODEL	1	50	Human Ear Model on base 3D anatomical model clearly shows the details of the inner and outer structure of the Ear with labeled parts. Age Range (Description): Youth PREMIUM DURABLE CONSTRUCTION: Crafted from high-quality, non-toxic PVC, this model is designed for years of hands-on use. Item dimensions (L x W x H): 10 x 20 x 10 Centimeters Item Weight: Approx. 600-800 Grams
118	HUMAN EYE MODEL	1	50	Human Ear Model on base 3D anatomical model clearly shows the details of the inner and outer structure of the Ear with labeled parts. Age Range (Description): Youth PREMIUM DURABLE CONSTRUCTION: Crafted from high-

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				<p>quality, non-toxic PVC, this model is designed for years of hands-on use. Item dimensions (L x W x H): Approx. 10 x10 x 20 Centimeters Item Weight: Approx. 300-600 Grams</p>
119	HEART MODEL	1	50	<p>Human Heart Model on base 3D anatomical model clearly shows the details of the inner and outer structure of the Ear with labeled parts. Age Range (Description): Youth PREMIUM DURABLE CONSTRUCTION: Crafted from high-quality, non-toxic PVC, this model is designed for years of hands-on use. Item dimensions (L x W x H): Approx. 10 x10 x 20 Centimeters Item Weight: Approx. 300-600 Grams</p>
120	LUNGS MODEL	1	50	<p>Human Lungs Model on base 3D anatomical model clearly shows the details of the inner and outer structure of the Ear with labeled parts. Age Range (Description): Youth PREMIUM DURABLE CONSTRUCTION: Crafted from high-quality, non-toxic PVC, this model is designed for years of hands-on use. Item dimensions (L x W x H): Approx. 10 x10 x 20 Centimeters Item Weight: Approx. 300-600 Grams</p>
121	DIGESTIVE SYSTEM	1	50	<p>Human Digestive System /Anatomical model/Used for educational purpose/Used in School and Colleges for Educational Purpose/Anatomical Respiratory Model for Medical Students & Doctors. Material: Made from high-quality, long-lasting materials for repeated use. Different parts are color-coded for easy identification and enhanced learning. Clearly labeled anatomical structures for quick reference and study. Item dimensions : Approx (20x40) cm Item Weight: Approx. 600-1000 Grams</p>
122	RESPIRATORY SYSTEM	1	50	<p>Human Respiratory System /Anatomical model/Used for educational purpose/Used in School and Colleges for Educational Purpose/Anatomical Respiratory Model for Medical Students & Doctors. Material: Made from high-quality, long-lasting materials for repeated use. Different parts are color-coded for easy identification and enhanced learning. Clearly labeled anatomical structures for quick reference</p>

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				and study. Item dimensions : Approx (20x40) cm Item Weight: Approx. 600-1000 Grams
123	HUMAN BRAIN MODEL	1	50	Human Brain Model on base 3D anatomical model clearly shows the details of the inner and outer structure of the Ear with labeled parts. Age Range (Description): Youth PREMIUM DURABLE CONSTRUCTION: Crafted from high-quality, non-toxic PVC, this model is designed for years of hands-on use. Item dimensions (L x W x H): Approx. 10 x10 x 20 Centimeters Item Weight: Approx. 300-600 Grams
124	KIDNEY MODEL	1	50	Human Kidney Model on base 3D anatomical model clearly shows the details of the inner and outer structure of the Ear with labeled parts. Age Range (Description): Youth PREMIUM DURABLE CONSTRUCTION: Crafted from high-quality, non-toxic PVC, this model is designed for years of hands-on use. Item dimensions (L x W x H): Approx. 10 x10 x 20 Centimeters Item Weight: Approx. 300-600 Grams
125	LIVER MODEL	1	50	Human Liver Model on base 3D anatomical model clearly shows the details of the inner and outer structure of the Ear with labeled parts. Age Range (Description): Youth PREMIUM DURABLE CONSTRUCTION: Crafted from high-quality, non-toxic PVC, this model is designed for years of hands-on use. Item dimensions (L x W x H): 10 x 10 x 20 Centimeters Item Weight: Approx. 300-600 Grams
126	ANIMAL CELL MODEL	1	50	Animal Cell Model /Anatomical Model/Used in school & colleges for educational purpose/Great for Classroom Learning, Teaching & Stem Kits Clearly Labeled Organelles. Item Dimension: (20x40) cm Item Weight: Approx. 600-1000 Grams
127	PLANT CELL MODEL	1	50	Plant Cell Model /Anatomical Model/Used in school & colleges for educational purpose/Great for Classroom Learning, Teaching & Stem Kits Clearly Labeled Organelles. Item Dimension: (20x40) cm Item Weight: Approx. 600-1000 Grams
128	HAND JOINT MODEL	1	50	Human Wrist Joint Model { Anatomical Model } for studies

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				Material: PVC Plastic Item dimensions (L x W x H): Approx. 10 x10 x 20 Centimeters Item Weight: Approx. 300-600 Grams
129	FOOT JOINT MODEL	1	50	Human Foot Joint Model { Anatomical Model } for studies Material: PVC Plastic Item dimensions (L x W x H): Approx. 10 x10 x 20 Centimeters Item Weight: Approx. 300-600 Grams
130	CONVEX LENS	3	150	Optical convex lens for light experiments
131	CONCAVE LENS	3	150	Diverging lens for optics experiments
132	CONCAVE MIRROR	3	150	Optical concave mirror for reflection study
133	CONVEX MIRROR	3	150	Convex mirror for image formation experiments
134	Measuring scale	10	500	Measuring stainless steel scale of 30 cm
135	Electro Magnet Generator	1	50	Demonstration model for electromagnetic induction
136	Resistance	2	100	Fixed resistor model for electrical study approx. (5-15) cm in size
137	Electro puzzle	1	50	Educational electric circuit puzzle kit
138	Solar Cooker	1	50	Solar energy demonstration cooking model approx. (55 x55 x17) cm in size
139	Room Heater	1	50	Electrical heating concept demonstration model upto (400-1000) watts
140	Pin hole camera	1	50	Light & image formation demonstration model (15-30) cm long and .5 to 1.5 mm diameter in size
141	AC Home connection	1	50	Domestic electrical wiring demonstration board (10 x20) cm in size with copper wire 1 to 1.5 sq. mm
142	Street Light	5	250	Automatic street light working model approx. (20 x30 x5) cm in size
143	Gravitation vertical	1	50	Gravity & motion demonstration model approx. (25 x25 x25) cm in size
144	Magnet Levitation	1	50	Magnetic force demonstration model approx. (25 x25 x25) cm in size
145	Solar Light	1	50	Solar-powered lighting demonstration model approx. (25 x25 x25) cm in size
146	State of matter	1	50	Solid, liquid, gas concept demonstration
147	Simple DC circuit	1	50	Basic electric circuit model approx. (20 x10) cm in size
148	Periscope	1	50	Reflection of light demonstration device approx. 30 cm long
149	Anemometer	1	50	Wind speed measuring instrument model approx. 30 cm long
150	Solar and Lunar Eclipse	1	50	Astronomical eclipse demonstration model approx. (25 x25 x25) cm in size
151	Magnet Repulsion	1	50	Magnetic force experiment model approx. (25 x25 x25) cm in size

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152	Reflection of light	1	50	Optics demonstration model showing laws of reflection approx. (25 x25 x25) cm in size
153	Friction	1	50	Model demonstrating static and kinetic friction principles approx. (30 x30 x30) cm in size
154	Number Line	2	100	Mathematical number line teaching aid
155	Area of Circle & Pie	1	50	Geometry kit demonstrating area calculation concepts
156	Fraction Disk	1	50	Circular fraction learning manipulative
157	Junior Pythagoras Theorem	2	100	Demonstration kit for Pythagoras theorem proof
158	$(a+b+c)^2$	2	100	Algebraic identity expansion model
159	Intiger counter	2	100	Positive and negative number teaching tool
160	Parallelogram kit	2	100	Geometry kit for area and shape properties
161	Place Value Card	2	100	Mathematics place value learning cards
162	Geo Geometry Stick	1	50	Geometric construction measuring sticks
163	Magnetic Fraction Bar	1	50	Magnetic fraction bar
164	Geometry Shapes	1	50	Geometry shapes.
165	Abacus	1	50	Manual counting frame for arithmetic learning
166	A Balance	1	50	Beam balance for mass comparison experiments
167	Globe 4"	2	100	4-inch world globe for geography learning
168	INJECTION 5ML	10	500	Disposable 5ml syringe for lab experiments
169	INJECTION 10ML	2	100	Disposable 10ml syringe
170	IV SET	2	100	Medical IV tubing set for liquid flow experiments
171	CHEMISTRY KIT	1	50	Complete chemistry experiment kit .
172	Candle Medium Size	2	100	Wax candle for heat & combustion experiments
173	Match Box	10	500	Safety matchsticks for lab use
174	Thermocol cutter	1	50	For cutting purposes
175	Aluminium Foil	1	50	Thin aluminum sheet roll for experiments
176	Balloons	100	5000	Latex balloons for air pressure experiments
177	Butter Paper A4 size	25	1250	Semi-transparent paper for tracing & diffusion experiments
178	Straw	2	100	Plastic drinking straw for airflow experiments
179	wood stick 8 Inch	2	100	Wooden sticks for model making
180	Tow way tap	10	500	Plastic valve tap for liquid control
181	Copier Paper - A4, 75 GSM, 1 Ream	1	50	Standard A4 printing paper ream
182	Plastic Transparent sheet A4 size	6	300	Clear plastic sheets for model covers
183	Thread (Big Size)	1	50	Cotton thread roll for experiments
184	transparent Tape	5	250	Adhesive clear tape rolls

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185	Safety pins	20	1000	Steel safety pins for lab/model use
186	U Pin Colour	1	50	Colored board pins for display boards
187	Pencil	6	300	Pencils
188	Push pin	1	50	Drawing board push pins
189	A3 Sheet	4	200	Thick drawing sheets (A3 size)
190	Fevibond	10	500	fevibond tube 200 ml
191	Big cutter	5	250	Blade Material Stainless Steel Body Material ABS Plastic / Polypropylene Blade Size 18 mm (Standard Large Cutter) Body Length Approx. 15–16 cm Lock Type Auto-Lock / Screw Lock Mechanism Blade Sections 8–10 Snap-Off Segments
192	small cutter	5	250	Blade Material Stainless Steel Body Material ABS Plastic / Polypropylene Blade Size 9 mm (Standard Large Cutter) Body Length Approx. 13–14 cm Lock Type Auto-Lock / Screw Lock Mechanism
193	ice stick	200	10000	Ice stick (wooden)
194	White sheet (A1 size)	50	2500	White sheet (A1 size)
195	Fevicol	10	500	Fevicol 200 ml
196	Black Chart Paper 250 GSM	20	1000	Black Chart Paper 250 GSM for project making.
197	Rubber Band	Size 8-20 Size 12-20 Size 16-20	3000	Rubber band of size 8,12,and 16 20 units of each size respectively. (total 60 rubber band per school)
198	Vinyl Stickers	20	1000	A1 size Educational Wall Stickers for Library, School Labs & Classrooms – Learning Decor with Motivational Quotes, Scientist, Science, Math & Reading Themes – Removable Vinyl Decals (STEM Lab, Small) Self Adhesive
199	4mm PVC Foam white Sheet	20	1000	Thickness: 4 mm; Standard Sheet Size: 8 ft × 4 ft
200	Push Buttons Switches	10	500	Push button switches for on/off
201	Submersible Mini	5	250	DC 3-9V Double Side Mini Water Pump.

	Water pump 3-6 v DC			Material- plastic Power source- Battery powered
202	VR Box	1	50	Virtual Reality Headset with inbuilt Touch Button for Mobiles for VR Gaming Learning Virtual Experience. Lens: 42mm HD Optical Resin Lenses (some models list 40mm). Compatibility: Supports Android and iOS, screen sizes (max dimensions approx. 170x80x12mm). Field of View (FOV): 90 to 100 degrees. Adjustments: Independent Pupil Distance (IPD) and Object Distance (Focal) adjustments. Controls: In-built Touch Button (compatible with Cardboard apps). Sensors: Relies on the smartphone's gyroscope and accelerometer. Build: ABS Plastic with foam padding, removable front panel for heat dissipation. Weight: approx. 270g Features: Fits over most spectacles
203	Hot Glue Gun	2	100	Glue Gun:- Voltage-(200-250) V Wattage-(80-100)W Nozzle size- 2.0-23mm Flow of Glue- 6-12g/min Temperature- 190-230 degree c
204	Glue Stick	20	1000	Glue stick size-approx. (10-12) mm
205	Scissor	5	250	Scissor (15- 17)cm Stainless Steel Blade Multi Purpose Scissor Ergonomic Handle
206	Ring Black Magnet	60	3000	Ferrite ring magnets approx. (21x7x5) mm for magnetism experiments
207	Neo Magnet	12	600	Neodymium magnet (8mm x 10mm approx.)
208	Neo Magnet	12	600	Neodymium magnet (20mm x 3mm approx.)
209	TDS Meter	2	100	Digital water quality testing meter
210	Screwdriver Set	2	100	Precision screwdriver set for electronics
211	STHETHOSCOPE	1	50	Acoustic stethoscope for sound/heartbeat study
212	Double Side Motor	2	100	Dual shaft DC motor 3 volts
213	Stainless steel round closet rod with 2 supports bracets	2	100	2 ft two Stainless steel round closet rod with 4 supports brackets for each school
214	Number Cards (1-100)	5packets	250pack ets	Printed number (1-100) flash cards 5 packets per school
215	Telescope	1	50	Reflector Telescope Model F70076 Astronomical Telescope- HD Precise Optics -(with Full Size Stand-for) Optical tube- 1000 Months

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				Eye piece lens Description- Barlow Objective lens diameter- 42 Millimeters
216	Remote Control Lig	5	250	Remote-operated LED light system
217	Door Bell	5	250	Electric doorbell unit for circuit demonstration
218	Teflon Tape	5	250	Plumbing tap roll fitting
219	Electrical Tape	5	250	PVC insulated electrical tape roll
220	Almirah/ Storage space	2	100	For storing components / equipment 7(height) *3(width) *1.5(depth) Ft(Branded) Iron, 20 gauge,
221	Desk Table for models	3	150	Size 2.5(width)*5(length)*3 (height) ft (iron frame with 12mm MDF wood top, 18-gauge 1inch iron pipe)

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ANNEXURE – B

Schools and their location

क्र.सं.	ब्लाक	प्राचार्य का नाम	मोबाइल नंबर	संस्था का नाम	डाइज कोड	कहा से कहा तक संचालित	विद्यालय का पता
1	Vidisha	श्री राजेश श्रीवास्तव	9893184791	उ.मा.वि. अहमपुर	23310700108	9 to 12 (SEC-HSEC)	ग्राम अहमपुर
2	Vidisha	श्रीमती मीना तोमर	9893663548	उ.मा.वि. माधवांज क्र.2	23310723119	9 to 12 (SEC-HSEC)	विदिशा टीला खेड़ी
3	Vidisha	श्री हेमंत लिटौरिया	9424450200	उ.मा.वि. हांसुआ	23310707405	9 to 12 (SEC-HSEC)	ग्राम हांसुआ
4	Vidisha	श्री बसंत सेन	9685103191	उ.मा.वि. पीलखेडा	23310716307	9 to 12 (SEC-HSEC)	ग्राम पीलखेडा
5	Vidisha	श्री काशीराम चौकसे	9826546520	उ.मा.वि. धमनोडा	23310703309	1 to 12 (PRY-UPR-SEC-HSEC)	ग्राम धमनोडा
6	Vidisha	श्री अखतेश बघेल	9826233822	उ.मा.वि. कापुर	23310708705	9 to 12 (SEC-HSEC)	ग्राम कापुर
7	Vidisha	श्रीमती अल्का बाण डी	9926369816	उ.मा.वि. करारिया लशकरपुर	23310710006	9 to 12 (SEC-HSEC)	ग्राम करारिया लशकरपुर
8	Vidisha	सतीश कुमार राजपाली	9926407773	हाई स्कूल खरी	23310712903	9 से 10 तक	ग्राम खरी
9	Vidisha	पिलासा राम रायपुरिया	9893515148	हाई स्कूल सौंथर	23310721203	9 से 10 तक	ग्राम सौंथर
10	Vidisha	डॉ.श्रीमती पीप्ति शुक्ला	9479369004	उ.मा.वि. एम एल बी विदिशा	23310723117	6 to 12 (UPR-SEC-HSEC)	बड़ाबाजार विदिशा
11	Lateri	राजेश मीना	9009527937	उ.मा.वि. आनंपुर	23310401710	1 से 12 तक	ग्राम आनंपुर तहसील लटेरी जिला विदिशा
12	Lateri	विमला टेल	9752085055	कन्या लटेरी	23310418128	9 से 12	तहसील लटेरी जिला विदिशा
13	Lateri	भा वान सिंह ंथी	8878808448	उ.मा.वि. मुरारिया	23310409008	1 से 12 तक	तहसील लटेरी जिला विदिशा
14	Lateri	राजेंद्र नामदेव	8085870545	उ.मा.वि. माडल लटेरी	23310418129	6 से 12	तहसील लटेरी जिला विदिशा
15	Lateri	मनमोहन विश्वकर्मा	9981671650	हाई स्कूल झुकरजोपी	23310407110	9 से 10	ग्राम झुकरजोपी तहसील लटेरी जिला विदिशा

16	Lateri	रामबाबू यादव	9754528797	उ.मा.वि. उनारसी कला	23310417904	1 से 12 तक	ग्राम उनारसीकला तहसील लटेरी जिला विपिशा
17	Nateran	आशीष सक्सेना	9981582121	उ.मा.वि.शमशाबा	23310517618	1 से 12 तक	शमशाबा जिला विपिशा
18	Nateran	सुरेश कुमार शाक्य	8458901610	उ.मा.वि.सतपाड़ा हाट	23310515604	6 से 12 तक	ग्राम, सत पाड़ा हाट
19	Nateran	राकेश सेन	8435526483	उ.मा.वि. जोहा	23310506305	1 से 12 तक	ग्राम जोहा तहसील नटेरन
20	Nateran	सोनल शर्मा	9907215445	उ.मा.वि. बरखेडा जापीर	23310501008	9 से 12	ग्राम बरखेडा जापीर तहसील शमशाबा
21	Nateran	पौतम आर्य	9340753741	शाण्डुण्माण्विण् वर्धा	23310518212	9 से 12	ग्राम वर्धा तह.शमशाबा
22	Nateran	तोरण सिंह प्रजापति	6265230495	हाई स्कूल हिनोटिया माली	23310514505	6 To 10	ग्राम हिनोटिया माली तह.शमशाबा
23	Nateran	सुरजीत रघुवंशी	8827891736	उ.मा.वि. बिछिया	23310502208	6 to 12 (UPR-SEC-HSEC)	ग्राम बिछिया तह. शमशाबा
24	Nateran	कृष्णकांतमहावर	7999812704	उ.मा.वि. पिपलधार	23310513512	1 से 12 तक	ग्राम पिपलधार तह.शमशाबा
25	Gyaraspur	संपीता सक्सेना	9827332483	उ.मा.वि. सिहो	23310215406	9 से 12	ग्राम सिहो
26	Gyaraspur	बलराम रघुवंशी	999353869	उ.मा.वि.अटारी खेजड़ा	23310200708	1 से 12 तक	ग्राम अटारी खेजड़ा
27	Gyaraspur	कमल सिंह	7805814548	उ.मा.वि.धामनो	23310202705	9 से 12	ग्राम धामनो
28	Gyaraspur	पूजा कुर्मी	9669639065	उ.मा.वि.हैराड	23310208114	9 से 12	ग्राम हैराड
29	Gyaraspur	मीना अहिरवार	9630933586	उ.मा.वि.पुलाबांज	23310205014	1 से 12 तक	ग्राम पुलाबांज
30	Gyaraspur	आशा शर्मा	9589608605	उ.मा.वि. मानौरा	23310213007	9 से 12	ग्राम मानौरा
31	Kurwai	चंद्रेश सिंह यादव	9926748406	उ.मा.वि. ठठारी	23310313617	9 से 12	ग्राम - ठठारी
32	Kurwai	प्रकाश नारायण रिछारिया	9753308804	उ.मा.वि. ठठारी	23310313618	9 से 12	ग्राम - ठठारी
33	Kurwai	राकेश कुमार चौबे	9993871415	उ.मा.वि. कुरवाई	23310320222	9 से 12	कुरवाई

34	Kurwai	उमेश कुमार चिड़ार	9009930083	उ.मा.वि.मेहलुआ चौराहा	23310312007	9 से 12	ग्राम - मेहलुआ चौराहा
35	Kurwai	सुखवती अहिरवार	9713038687	उ.मा.वि. लायरा	23310310710	9 से 12	ग्राम - लायरा
36	Basoda	श्री राजकुमार पंथी	9893801121	उ.मा.वि.घटेरा	23310109406	1 से 12	ग्राम -घटेरा
37	Basoda	श्री विजयसिंह रघुवंशी	9827516396	उ.मा.वि.सिरनोटा	23310121609	6 से 12	ग्राम व पोस्ट सिरनोटा तह. त्यौंठा
38	Basoda	श्री अभय शर्मा	9827323388	उ.मा.वि.त्यौंठा	23310124311	9 से 12	ग्राम -त्यौंठा
39	Basoda	श्रीमति पुष्पा महापौर	9074968603	उ.मा.वि.कस्बा बाण रोड	23310107505	9 से 12	ग्राम - कस्बा बाण रोड
40	Basoda	श्री सुनील साहू	8319285485	उ.मा.वि.बरेठ	23310103310	9 से 12	ग्राम -बरेठ
41	Basoda	श्री महाराजसिंह रघुवंशी	9806580455	उ.मा.वि.उपयपुर	23310126809	6 से 12	ग्राम एवं पोस्ट उपयपुर तहसील बासौठा
42	Sironj	प्रमोद जैन	9926377206	कन्या उ.मा.वि.सिरोंज	23310625064	1 से 12	राव जी पथ सिरोंज
43	Sironj	जितेन्द्र बघेल	9009508123	माडल उ.मा.वि.सिरोंज	23310625067	6 से 12	भोपाल रोड सिरोंज
44	Sironj	बर्नाबस तिग्गा	9754586224	उ.मा.वि. चाठौली	23310600603	9 से 12	ग्राम चाठौली
45	Sironj	शिशुपाल भारती	7999949488	उ.मा.वि.बामौरीशाला	23310625064	6 से 12	ग्राम बामौरी शाला
46	Sironj	नरेश रघुवंशी	8120980381	उ.मा.वि. पीठना खेड़ा	23310625065	9 से 12	ग्राम पीठनाखेड़ा
47	Sironj	भवानी सिंह रघुवंशी	9826445178	उ.मा.वि. घटवार	23310617603	6 से 12	ग्राम घटवार
48	Sironj	श्रीपाल पौतम	9827861431	उ.मा.वि. पंरैठा	23310618507	6 से 12	ग्राम पंरैठा
49	Sironj	शोभा श्रीवास्तव	9926508485	उ.मा.वि. भाणवंतपुर	23310623804	9 से 12	ग्राम भाणवंतपुर
50	Sironj	खूब सिंह अहिरवार	9926508574	उ.मा.वि.मुणलसराय	23310623003	9 से 12	ग्राम मुणलसराय

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ANNEXURE-C

(Undertaking from Bidder on their official letter pad)

To,
District Education Officer,

Dist. - Vidisha,

Madhya Pradesh
Pin-464001

Subject: Undertaking for the participation in the tender No /Date

Dear Sir,

I/We.....do here by submit the above tender in prescribed formats duly completed in all respects in accordance with the conditions applicable. If this tender is accepted ,I/We agree to abide by and fulfill all the terms and conditions in the tender documents /We here by distinctly and expressly declare and acknowledge that before the submission of this tender, I/We have carefully followed the instructions and I/We have understood the existing system of supply at the location(s) of purchaser including the scope and nature of duties expected from the Bidder.

I/We distinctly agree that I/We would here after make no claim or demand upon the purchaser based upon or arising out of any alleged misunderstanding or misconceptions or mistake on my/our part of the said stipulations, restrictions and conditions.

I/We declare that our unit has never made any default in supplying the STEM LAB INSTALLATION services / equipment to Government / Semi Government/ Central or State Public sector enterprise(s) in terms of quality and financial agreed supply conditions.

Any notice required to be served on me/us shall be sufficiently served on me/us by post (registered or ordinary) or courier or left at my/our address furnished herein..... I/We fully understand the terms and conditions in the tender documents.

I/We understood that the purchaser is not bound to accept any proposal that it may receive without assigning any reason.

Dated this.....day of.. ----- - .2026

Authorized Signatory/ Seal

Ng *a* *Pg* *Deity*