



Sanskriti School

Dr. S. Radhakrishnan Marg
Chanakyapuri, New Delhi -110021

TECHNICAL BID

Last date of submission: 24/04/2026

Up to: 12.00 PM

Name of Work: Supply, installation, commissioning, operation and maintenance, including training of students and teachers, of the inventory for the Innovation Hub of Sanskriti School

Note: Bidder must read the instructions given in the tender document before filling the particulars in the part 1.

1 Credentials of the Bidder

1.1 Name of the Agency :

1.2 Office Address and Tel. No. :

1.3 PAN No. : (with documentary evidence) _____

1.4 GST No. : (with documentary evidence) _____

1.5 Name of authorized person _____

1.6 Mobile of authorized person _____

1.7 Email address of authorized person _____

1.8 Certification/ registration with GeM _____

2. Experience of execution of works of similar nature in last three years :

Sr. No.	Year	Name of the Organisation	Cost of the work (executed)	Name of Office/ Organ. with Tel. No.	Period from - to
1.					
2.					
3.					

* Please attach copy of work order and completion certificate of the items enlisted above

3. Particulars of DD as earnest money: Amount

DD Nos. _____

Issuing Bank with date of issue:

4. **At first**, only the technical bid and EMD shall be opened. For financial bid, date of opening shall be communicated separately.

(Signature of the Bidder)

With complete address and seal

Date: _____

Place: _____



Sanskriti School
Dr. S. Radhakrishnan Marg
Chanakyapuri, New Delhi -110021

Schedule of quantities and specification

S. No.	DIY Kit Name	Description/Specifications	Target Age Group in yrs	Skill level	Qty
1.	Robotics Starter Kit	<p>End-To-End Platform for students to Kick start child's journey in Robotics. Students can learn Robotics programming through Block Coding and Textual Coding. Also, Interfacing of Sensors and actuators with Arduino controller.</p> <p>The kit is aimed at beginners to advanced level learners, could be used to jump start child' growth and learning towards DIY electronics and robotics system.</p>	9-12	beginner	10
2.	IOT Starter Kit	<p>IoT Starter Kit must include everything one needs to get started with Pure Electronics and creating one's own IoT projects and experiments.</p>	9-12	beginner	10
3.	Bitli Kit	<p>An innovative robot designed to engage young minds in both basic and advanced activities. Its block-based design allows for easy assembly and customization, making it an excellent tool for educational exploration.</p> <p>It empowers students to unleash their creativity by enabling them to build and program the robot using colourful blocks. From basic movements to complex AI-driven actions, Bitli adapts to student's skill levels and encourages them to experiment with new ideas.</p>	10-14	advanced	10
4.	Tappy Bot (Screen Free Coding)	<p>The interactive learning robot for children ages 4 and above, offering a screen- free coding experience. Through card-based programming, kids can develop computational thinking (CT) and strengthen literacy and numeracy (FLN) fundamentals. The robot should combine storytelling, drawing activities, and game-like challenges to boost problem-solving and logical reasoning. With multiple play modes—including Grid Navigation, Shape Drawing, and Dice Games—enabling learning as an exciting and interactive experience.</p>	10-14	advanced	5
5.	Graphical Programming Robot	<p>To enable playability and simple operations on the micro:bit (Version 2). Must include various sensors like IR (Infrared Sensor), Ultrasonic sensor, and Light sensor to make DIY robotics projects.</p>	9-12	beginner	10
6.	Robotics Arm	<p>AI Powered Robotic Arm Kit that revolutionizes pick and place operations by leveraging advanced AI Technologies to mimic human hand movements with precision. Utilizing a Laptop camera, the robotic arm replicates the users arm movements including the fingers enabling seamless and efficient pick and place task</p>	10-14	advanced	2
7.	Robotic Pick & Place Tank	<p>The robotic tank DIY kit that includes four motors, trackwheel, and a gripper arm - two motors to power the track wheels and other two to control the movement of the robotic arm and the gripper. The size and shape of the robot should make it suitable for pick and place robot application.</p> <p>The robot should be friendly to be easily programmed to do different operations making it an all-in-one solution for kids to enjoy hands-on experience in building robots, programming, and electronics circuits.</p>	10-14	advanced	2
8.	Drone	<p>Foldable quadcopter featuring dual 720p HD cameras—one on the front and an adjustable bottom-facing unit—controlled via a smartphone app (Wi-Fi) or a 2.4 GHz remote. Powered by whisper-quiet brushless 1503 motors and a</p>	10-14	advanced	1



Sanskriti School
Dr. S. Radhakrishnan Marg
Chanakyapuri, New Delhi -110021

S. No.	DIY Kit Name	Description/Specifications	Target Age Group in yrs	Skill level	Qty
		precision flight control chip, it offers excellent stability through optical-flow positioning and a 6-axis gyro system. The drone will include intuitive functions such as one-key takeoff/landing, headless mode, 360° flips, gesture-controlled photography, waypoint flight, and altitude hold. Equipped with a high- capacity 3.7 V, 1800 mAh LiPo battery, it delivers approximately 12–15 minutes of flight time per charge (charging time: 60–90 minutes). Its remote control should have an effective range of 150–200 ft, while live video streaming via the app reaches 20–30 m. The package shall include drone, battery, remote, spare blades, USB charging cable, screwdriver.			
9.	Advance Drone	Drone Set Equipped with Flight Controller for stable and precise flight control. Should include Drone Transmitter (Remote Control) for smooth navigation and operations, powered by a 2200mAh Li-Po Battery ensuring reliable flight time. Strong frame designed with lightweight, durable material for stability and easy assembly.	10-14	advanced	2
10.	RC Plan Kit	Suitable for training, research, and educational purposes. Expandable and customizable with additional sensors, GPS, and camera modules Building, Brushless Electric Motor, ESC, 3 Nos. 9-12gm Servo, 4 Channel Radio & Receiver, 3S 1300-2200Mah LiPo Battery & Charger. Recommended Motor 2212 1400KV ESC 30 Amp. Servo 3X12gms. Metal Gear Battery LiPo 11.1V 2200Mah. Radio 4 Channel.	10-14	advanced	5
11.	Telescope	Refractor telescope ideal for beginners, featuring coated glass optics, durable metal construction, and long focal ratios, offering enjoyable views of Jupiter with its moons and Saturn's rings.	9-12	beginner	1
12.	VR Headset + Content	XR Chip-Enabled VR Headset for Education - A next-gen VR headset with an XR chip, 6GB RAM, and built-in mobile device management. Pre-loaded with content (Science, Math, Social Science) aligned with CBSE, CISCE, and NCERT for Grades 3–10, plus virtual tours in Library Mode. (To include 3 years of content access per device).	9-12	beginner	5
13.	Writing Machine	A writing machine (typewriter) is a mechanical or electronic device used for producing text on paper by pressing keys that print letters and symbols. It ensures neat, uniform, and fast writing, making it useful for official, educational, and personal documentation.	9-12	beginner	1
14.	CNC Machine	CNC Machine (Computer Numerical Control Machine): A CNC machine is a computer-controlled tool used to cut, drill, or shape materials like wood, metal, and plastic with high accuracy. It follows coded instructions (G-code) to make complex designs easily and repeatedly. In education, CNC machines help students learn about automation, design, and modern manufacturing.	10-14	advanced	1
15.	Multi Functional Robotics ARM	THREE SWITCHABLE MODULES – Effortlessly attach and change modules with a single click. No screws or cables required, making it highly convenient and intelligent to use. ALL-IN-ONE ROBOT ARM – A versatile kit capable of performing multiple tasks independently, including drawing and writing, laser engraving and cutting, as well as 3D printing. EASY-TO-USE SOFTWARE – Comes with free, interactive software that transforms your ideas	9-12	beginner	1



Sanskriti School
Dr. S. Radhakrishnan Marg
Chanakyapuri, New Delhi -110021

S. No.	DIY Kit Name	Description/Specifications	Target Age Group in yrs	Skill level	Qty
		<p>into reality within just a few clicks. Designed as a complete DIY solution.</p> <p>COLORFUL TOUCHSCREEN – A 3.5-inch touchscreen that lets you monitor status and control Rotrics directly from your hand with ease.</p> <p>0.05MM HIGH PRECISION – The patented decelerator design minimizes gear gaps, achieving 0.05mm ultra-high repeatability. Ideal for industrial-grade applications. Equipped with a Class 4 Laser (1600 mW power output).</p> <p>Functions: Drawing, Laser Engraving, 3D Printing (all-in-one).</p> <p>Compatibility: Works seamlessly with Mac, PC, and Linux.</p>			
16.	ROSPug - Quadruped Robot Dog	ROSPug is an advanced quadruped robot dog powered by ROS. It features 12 high-torque servos and integrates cutting-edge components like an NVIDIA Jetson Nano, TOF LiDAR, HD camera, IMU sensor, and OLED display, enabling smart mobility, perception, and control.	10-14	advanced	1
17.	3D Printer	<p>Fully Enclosed CoreXY Construction with a Print Size of 250*250*250mm Compatible with all Major Filaments Printing Speed Up to 600mm/s 44dB Quiet Print Mode 320. Supporting filaments : PLA, PETG, TPU[1], ABS, ASA Print speed : 600mm/s (Max.) Recommended print speed : 300mm/s Recommended acceleration : 10000mm/s² Maximum acceleration : 20000mm/s² Nozzle diameter : Standard 0.4mm, Supports 0.2/0.6/0.8mm expansion Pressure advance/flow calibration : Supported Camera Monitoring: Built-in 480P camera; video + timelapse support.</p> <p>Touchscreen Display: 4.3" capacitive touchscreen, Features: AI Spaghetti detection, AI Error detections, belt-tension monitoring, skip-object detection, dynamic flow & resonance compensation.</p>	10-14	beginner	1
18.	3D Printer	<p>High-Performance 3D Printer: This advanced 3D printer offers lightning-fast printing speeds up to 1000mm/s with 30,000mm/s² acceleration and a 90mm³/s flow rate. It features a 260×260×330 mm build volume, closed chamber, and a 0.4mm brass nozzle supporting temperatures up to 300°C.</p> <p>Equipped with a textured PEI plate (110°C max), real-time monitoring camera, filament detection, vibration compensation, and auto-levelling, it ensures precision and reliability. The 4.3" color touchscreen, 8GB EMMC + 16GB USB storage, and wide material compatibility (PLA, PETG, TPU, ABS, ASA, PA, PC, etc.) make it versatile for professional and hobby use.</p>	10-14	advanced	1
19.	Humanoid	<p>Compatible with FLSUN Slicer and 3rd party software, it supports STL, OBJ, AMF, 3MF formats on both MacOS and Windows.</p> <p>Dimensions: Overall Size: 24 × 24 × 60 inches (Length × Width × Height) Designed for stability, aesthetic appeal, and smooth interaction in both public and private environments.</p> <p>Voice Assistant and Interaction: Responds to wake words such as "Hello Robot" or "Namaste." Greets visitors with voice output and synchronized hand gestures (Namaste or</p>	10-14		1



Sanskriti School
Dr. S. Radhakrishnan Marg
Chanakyapuri, New Delhi -110021

S. No.	DIY Kit Name	Description/Specifications	Target Age Group in yrs	Skill level	Qty
		Salute). Recognizes specific user queries and provides pre-programmed verbal responses. Facial Expressions (LED Matrix / LCD Display): Features animated facial expressions, including smiling faces and blinking eyes. Displays expressive visuals synchronized with voice responses for a more engaging interaction.			
20.	Consumables & Accessories	Consumables & Accessories, including learning aids, banners/poster etc.	Enough to cover the annual usage of above items for approx 200 students		
21.	Instructor	Qualified instructor with adequate experience of working in an innovative project/lab in an institution of repute– to familiarise the children with functioning of various equipment/kits in the school innovation hub and to train the teachers (12 months wages).			

* The quantity is only **indicative** and may change without notice.

* Warranty 5 years onsite

* Detailed catalogue of each item must be submitted along with the bid document

Any vendor can quote for more than one brand; however a separate Schedule of Items, Quantity & Rates sheet should be used for each brand/ model

(Signature of the Bidder)
With complete address and seal

Date: _____

Place: _____



Sanskriti School
Dr. S. Radhakrishnan Marg
Chanakyapuri, New Delhi -110021

GENERAL INSTRUCTIONS TO THE BIDDERS

The bidders are requested to note that on non compliance of the following instructions the bid shall stand rejected.

1. The bidders should carefully read the bid documents and examine general instructions, specifications; schedule of quantities etc. and if considered necessary may also visit the site for proper assessment of work.
2. The bidders are required to check the number of the pages and, if any page is found missing or in duplicate, or the figure or writing is indistinct, the same be replaced with legible one.
3. The bidders, should fill in all the relevant entries/blanks and put their signature on the relevant places as shown in the bid documents.
4. The bidder shall quote his rates in figures as well as in words against relevant column and the same shall be duly attested.
5. No cutting/overwriting and use of whitener is permitted in Technical-Bid as well as Price-Bid.
6. Page of the schedule of quantities and specification is to be signed by the bidder.
7. The bidders are requested to put their firm's endorsement on each and every page of the bid document as token of acknowledgement.
8. No alterations or addition should be made by the bidders to the text of the schedule of these bid pages. Violation of the instruction will lead to rejection of the bid.
9. The bidder who proposes any alteration to any of the conditions laid down or proposes any other conditions of any description what-so-ever is liable to be rejected.
10. Earnest Money (Refundable) accompanying the bid will be accepted only in the form of Demand Draft/Banker's Cheque drawn in favour of the "Sanskriti School" payable at New Delhi.
11. Bidders should note that their bids would remain open for consideration for a minimum period of SIX MONTHS from the date of receipt of bids.
12. Prescribed enclosures alongwith specifications of the products/technical features are to be attached with the Technical Bid.
13. Technical Bid and Price-Bid should be signed by the same authorized signatory of the Agency.
14. The Technical Bid shall be opened on 24/04/2026-at 2.30 p.m. in the presence of the bidders, who may like to be present. The date of opening of Price-bid shall be conveyed subsequently.
15. The bids received without EMD of Rs. 20,000/- in the form of Demand Draft/ Banker's Cheque shall be summarily rejected.
16. The School Authority reserves the right to accept or to reject any or all bids at its discretion without assigning any reasons thereof. The School Authority does not bind itself to accept the lowest bid.

(Signature of the Bidder)
With complete address and seal

Date: _____

Place: _____



Sanskriti School

Dr. S. Radhakrishnan Marg
Chanakyapuri, New Delhi -110021

Terms & Conditions of the bid

1. Please quote the rates in figures as well as in words. In case of difference between the two, the rates in words shall be treated as final.
2. The rates shall be inclusive of all taxes, duties, overheads etc.
3. The work must be completed within 45 days from the date of issuance of work order.
4. The bidder will submit a self-certificate, declaring on letter head that the goods supplied to the purchaser are new in all respect and also in accordance with the specification of manufacturer. The supplier/seller shall submit a copy of the guarantee/ warranty certificate to the purchaser.
5. Before installation, the equipment shall be checked and approved by the School.
6. **GENERAL TECHNICAL SPECIFICATIONS:**

BID EVALUATION:-At the time of evaluation of bid, technical discussions would be held with the bidders whenever necessary to indicate insufficiency of the technical proposal, if any. Based upon these discussions, the bidders may submit in writing the details of clarifications in respect to their technical proposals.
7. **BID DOCUMENTS:-**
 - a. The instructions to the bidders, conditions of bidding, special conditions of contract, specifications and forms of bidders included herein, shall be read as part of the bid. These are hereafter, collectively referred to as "Bid Documents".
 - b. The bidder must submit clause-by-clause compliance/acceptance statement of the special conditions, technical specifications and the payment terms as mentioned in the bid documents.
 - c. The bidder shall submit alongwith the bid, the bid form, duly completed as per the schedule together with prices as per the format in schedule of work. A deviation statement, if necessary, shall accompany the bid.
 - d. Bidder should quote only on Performa attached for Schedule of Items, Quantity & Rates.
 - e. No scribbling is permissible in the bid documents and no special conditions are to be stipulated by the bidder. They may do so in a separate covering letter, but School reserves its right to reject such conditions.
 - f. Bidders who do not comply with any of the conditions set herein above, are liable to result in the bid being rejected.
8. **ARRANGEMENT FOR PERMIT FOR LICENSES:**

Arrangements for permits/licenses for material, If any, will not be made by the School or any assistance given. The contractor will have to make his own arrangement. The School for this work, if any, shall not arrange import license. All T&P required for the work shall be arranged by the contractor. Nothing extra shall be paid on this account.
9. **MATERIALS**

Equipment supplied by the firm shall be as per specification and standard make mentioned in the specification. Items so supplied to the Innovation hub must render trouble free and satisfactory performance during the warranty period as stated.



Sanskriti School

Dr. S. Radhakrishnan Marg
Chanakyapuri, New Delhi -110021

10. Payment Terms: Final payment shall be made after satisfactory execution of the work order.
11. The bidders are required to ensure supplies and execution within stipulated period. In case of delay, a penalty@1% of bid amount/ amount quoted per week shall be levied
12. The bidder shall submit Authorization certificate from the original equipment manufacturer (OEM) for participating in the bid.
13. The rates of successful bidder shall be valid for period of six months from the date of award of work order.
14. The quantity mentioned in the schedule of work may be increase/decreased at the same rate as quoted with tender.
15. TERMS OF DELIVERY: FOR DESTINATION
16. In case of any dispute, the Arbitrator shall be appointed by the Principal, Sanskriti School and his/her decision shall be final and binding on both the parties. No escalation in rates would be given.

I hereby declare that the above terms and conditions are acceptable to me/us.

(Signature of the Bidder)
With complete address and seal

Date: _____

Place: _____



Sanskriti School
Dr. S. Radhakrishnan Marg
Chanakyapuri, New Delhi -110021

Schedule of Rate
(To be sealed as a separate envelop)

S. No.	DIY Kit Name	Description/Specifications	Unit Rates in INR inclusive of taxes	Delivery schedule	Qty	Total Rates in INR inclusive of taxes
1.	Robotics Starter Kit	End-To-End Platform for students to Kick start child's journey in Robotics. Students can learn Robotics programming through Block Coding and Textual Coding. Also, Interfacing of Sensors and actuators with Arduino controller. The kit is aimed at beginners to advanced level learners, could be used to jump start child' growth and learning towards DIY electronics and robotics system.			10	
2.	IOT Starter Kit	IoT Starter Kit must include everything one needs to get started with Pure Electronics and creating one's own IoT projects and experiments.			10	
3.	Bitli Kit	An innovative robot designed to engage young minds in both basic and advanced activities. Its block-based design allows for easy assembly and customization, making it an excellent tool for educational exploration. It empowers students to unleash their creativity by enabling them to build and program the robot using colourful blocks. From basic movements to complex AI-driven actions, Bitli adapts to student's skill levels and encourages them to experiment with new ideas.			10	
4.	Tappy Bot (Screen Free Coding)	The interactive learning robot for children ages 4 and above, offering a screen- free coding experience. Through card-based programming, kids can develop computational thinking (CT) and strengthen literacy and numeracy (FLN) fundamentals. The robot should combine storytelling, drawing activities, and game-like challenges to boost problem-solving and logical reasoning. With multiple play modes—including Grid Navigation, Shape Drawing, and Dice Games—enabling learning as an exciting and interactive experience.			5	
5.	Graphical Programming Robot	To enable playability and simple operations on the micro:bit (Version 2). Must include various sensors like IR (Infrared Sensor), Ultrasonic sensor, and Light sensor to make DIY robotics projects.			10	
6.	Robotics Arm	AI Powered Robotic Arm Kit that revolutionizes pick and place operations by leveraging advanced AI Technologies to mimic human hand movements with precision. Utilizing a Laptop camera, the robotic arm replicates the users arm movements including the fingers enabling seamless and efficient pick and place task			2	
7.	Robotic Pick & Place Tank	The robotic tank DIY kit that includes four motors, trackwheel, and a gripper arm - two motors to power the track wheels and other two to control the movement of the robotic arm and the gripper. The size and shape of the robot should make it suitable for pick and place robot application. The robot should be friendly to be easily programmed to do different operations making it an all-in-one solution for kids to enjoy hands-on			2	



Sanskriti School
Dr. S. Radhakrishnan Marg
Chanakyapuri, New Delhi -110021

S. No.	DIY Kit Name	Description/Specifications	Unit Rates in INR inclusive of taxes	Delivery schedule	Qty	Total Rates in INR inclusive of taxes
		experience in building robots, programming, and electronics circuits.				
8.	Drone	Foldable quadcopter featuring dual 720p HD cameras—one on the front and an adjustable bottom-facing unit—controlled via a smartphone app (Wi-Fi) or a 2.4 GHz remote. Powered by whisper-quiet brushless 1503 motors and a precision flight control chip, it offers excellent stability through optical-flow positioning and a 6-axis gyro system. The drone will include intuitive functions such as one-key takeoff/landing, headless mode, 360° flips, gesture-controlled photography, waypoint flight, and altitude hold. Equipped with a high-capacity 3.7 V, 1800 mAh LiPo battery, it delivers approximately 12–15 minutes of flight time per charge (charging time: 60–90 minutes). Its remote control should have an effective range of 150–200 ft, while live video streaming via the app reaches 20–30 m. The package shall include drone, battery, remote, spare blades, USB charging cable, screwdriver.			1	
9.	Advance Drone	Drone Set Equipped with Flight Controller for stable and precise flight control. Should include Drone Transmitter (Remote Control) for smooth navigation and operations, powered by a 2200mAh Li-Po Battery ensuring reliable flight time. Strong frame designed with lightweight, durable material for stability and easy assembly.			2	
10.	RC Plan Kit	Suitable for training, research, and educational purposes. Expandable and customizable with additional sensors, GPS, and camera modules Building, Brushless Electric Motor, ESC, 3 Nos. 9-12gm Servo, 4 Channel Radio & Receiver, 3S 1300-2200Mah LiPo Battery & Charger. Recommended Motor 2212 1400KV ESC 30 Amp. Servo 3X12gms. Metal Gear Battery LiPo 11.1V 2200Mah. Radio 4 Channel.			5	
11.	Telescope	Refractor telescope ideal for beginners, featuring coated glass optics, durable metal construction, and long focal ratios, offering enjoyable views of Jupiter with its moons and Saturn's rings.			1	
12.	VR Headset + Content	XR Chip-Enabled VR Headset for Education - A next-gen VR headset with an XR chip, 6GB RAM, and built-in mobile device management. Pre-loaded with content (Science, Math, Social Science) aligned with CBSE, CISCE, and NCERT for Grades 3–10, plus virtual tours in Library Mode. (To include 3 years of content access per device).			5	
13.	Writing Machine	A writing machine (typewriter) is a mechanical or electronic device used for producing text on paper by pressing keys that print letters and symbols. It ensures neat, uniform, and fast writing, making it useful for official, educational, and personal documentation.			1	
14.	CNC Machine	CNC Machine (Computer Numerical Control Machine): A CNC machine is a computer-controlled tool used to cut, drill, or shape materials like wood, metal, and plastic with high accuracy. It follows			1	



Sanskriti School
Dr. S. Radhakrishnan Marg
Chanakyapuri, New Delhi -110021

S. No.	DIY Kit Name	Description/Specifications	Unit Rates in INR inclusive of taxes	Delivery schedule	Qty	Total Rates in INR inclusive of taxes
		coded instructions (G-code) to make complex designs easily and repeatedly. In education, CNC machines help students learn about automation, design, and modern manufacturing.				
15.	Multi Functional Robotics ARM	<p>THREE SWITCHABLE MODULES – Effortlessly attach and change modules with a single click. No screws or cables required, making it highly convenient and intelligent to use.</p> <p>ALL-IN-ONE ROBOT ARM – A versatile kit capable of performing multiple tasks independently, including drawing and writing, laser engraving and cutting, as well as 3D printing.</p> <p>EASY-TO-USE SOFTWARE – Comes with free, interactive software that transforms your ideas into reality within just a few clicks. Designed as a complete DIY solution.</p> <p>COLORFUL TOUCHSCREEN – A 3.5-inch touchscreen that lets you monitor status and control Rotrics directly from your hand with ease.</p> <p>0.05MM HIGH PRECISION – The patented decelerator design minimizes gear gaps, achieving 0.05mm ultra-high repeatability. Ideal for industrial-grade applications. Equipped with a Class 4 Laser (1600 mW power output).</p> <p>Functions: Drawing, Laser Engraving, 3D Printing (all-in-one).</p> <p>Compatibility: Works seamlessly with Mac, PC, and Linux.</p>			1	
16.	ROSPug - Quadruped Robot Dog	ROSPug is an advanced quadruped robot dog powered by ROS. It features 12 high-torque servos and integrates cutting-edge components like an NVIDIA Jetson Nano, TOF LiDAR, HD camera, IMU sensor, and OLED display, enabling smart mobility, perception, and control.			1	
17.	3D Printer	<p>Fully Enclosed CoreXY Construction with a Print Size of 250*250*250mm Compatible with all Major Filaments Printing Speed Up to 600mm/s 44dB Quiet Print Mode 320. Supporting filaments : PLA, PETG, TPU[1], ABS, ASA</p> <p>Print speed : 600mm/s (Max.) Recommended print speed : 300mm/s Recommended acceleration : 10000mm/s² Maximum acceleration : 20000mm/s²</p> <p>Nozzle diameter : Standard 0.4mm, Supports 0.2/0.6/0.8mm expansion Pressure advance/flow calibration : Supported Camera Monitoring: Built-in 480P camera; video + timelapse support.</p> <p>Touchscreen Display: 4.3" capacitive touchscreen, Features: AI Spaghetti detection, AI Error detections, belt-tension monitoring, skip-object detection, dynamic flow & resonance compensation.</p>			1	
18.	3D Printer	<p>High-Performance 3D Printer:</p> <p>This advanced 3D printer offers lightning-fast printing speeds up to 1000mm/s with 30,000mm/s² acceleration and a 90mm³/s flow rate. It features a 260×260×330 mm build volume, closed chamber, and</p>			1	



Sanskriti School
Dr. S. Radhakrishnan Marg
Chanakyapuri, New Delhi -110021

S. No.	DIY Kit Name	Description/Specifications	Unit Rates in INR inclusive of taxes	Delivery schedule	Qty	Total Rates in INR inclusive of taxes
		a 0.4mm brass nozzle supporting temperatures up to 300°C. Equipped with a textured PEI plate (110°C max), real-time monitoring camera, filament detection, vibration compensation, and auto-levelling, it ensures precision and reliability. The 4.3" color touchscreen, 8GB EMMC + 16GB USB storage, and wide material compatibility (PLA, PETG, TPU, ABS, ASA, PA, PC, etc.) make it versatile for professional and hobby use.				
19.	Humanoid	Compatible with FLSUN Slicer and 3rd party software, it supports STL, OBJ, AMF, 3MF formats on both MacOS and Windows. Dimensions: Overall Size: 24 × 24 × 60 inches (Length × Width × Height) Designed for stability, aesthetic appeal, and smooth interaction in both public and private environments. Voice Assistant and Interaction: Responds to wake words such as "Hello Robot" or "Namaste." Greets visitors with voice output and synchronized hand gestures (Namaste or Salute). Recognizes specific user queries and provides pre-programmed verbal responses. Facial Expressions (LED Matrix / LCD Display): Features animated facial expressions, including smiling faces and blinking eyes. Displays expressive visuals synchronized with voice responses for a more engaging interaction.			1	
20.	Consumables & Accessories	Consumables & Accessories, including learning aids, banners/poster etc.	Enough to cover the annual usage of above items for approx 200 students			
21.	Instructor	Qualified instructor with adequate experience of working in an innovative project/lab in an institution of repute– to familiarise the children with functioning of various equipment/kits in the school innovation hub and to train the teachers (12 months wages).				
					Total	
	Amount in words INR, inclusive of GST					

- * The quantity is only indicative and may change without notice.
- * Warranty - 5 years onsite
- * Detailed catalogue of each item must be submitted along with the bid documents
- * The scope of work includes supply, installation, commissioning, operation and maintenance, including training of students and teachers.

A vendor can quote for more than one brand/model; however a separate Schedule of Items, Quantity & Rates sheet should be used for each brand/ model

(Signature of the Bidder)
With complete address and seal



Sanskriti School
Dr. S. Radhakrishnan Marg
Chanakyapuri, New Delhi -110021

Date: _____

Place: _____