



COEP Technological University

(COEP Tech)

A Unitary Public University of Government of Maharashtra

w.e.f 21st June 2022

(Formerly College of Engineering Pune)

MINDSPARK



Mindspark Office, Students Gymkhana, COEP Technological University, Shivajinagar, Pune - 411005

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COEP TECHNOLOGICAL UNIVERSITY

(Formerly College of Engineering, Pune)

SHIVAJINAGAR, PUNE-411005

Ph:020-2550-7000

Ref: COEP/ MS25/ CFQ_014

DATE: 19/09/2025

CALL FOR QUOTATIONS

Name of Work- Providing Electronic Requirements for MindSpark'25

Respected Sir/Ma'am,

You are requested to submit your most competent quotation for the below-mentioned essentials for MindSpark'25 as per the given terms and conditions.

Sr. No.	Particulars	Qty.
1	Raspberry Pi 4 Model-B with 8 GB RAM	1
2	Raspberry Pi Metal Aluminium Case with Double Fans for Raspberry Pi 4B (Black)	1
3	Official Raspberry Pi Micro SD Card 64GB A2 Class – Unprogrammed	1
4	YDLIDAR X2 2D LiDAR Sensor – 360° Scanning, 8m Distance, ROS Compatible	1
5	VL53L0X TOF Based LIDAR Laser Distance Sensor	1

6	1/4 Cmos 640X480 USB Camera with Collapsible Cable for Raspberry Pi	1
7	uBlox Neo M8N GPS Module M5T GLONASS with Antenna	1
8	GM37RH 12V 300 RPM Offside Metal Gearbox Motor	4
9	130mm Robot Wheel for ATV and DIY Robotics	4
10	11.1V 2200MAH LiPo Battery With IMax B3 Lipo balance Charger	2
11	XT60 Connector Male Female Pair	6
12	M3 30mm SS Screw (25 Pcs)	1
13	EasyMech SS 304 Pan Philips Head M3 X 5 mm Bolt- 25 Pcs	1
14	EasyMech M3 SS Hex Nut – 50 Pcs	1
15	Rpi shop - M3 Flat Washer, Zinc Plated Quantity - 25 Pcs	1
16	Freemans LONG NOSE PLIER	1
17	Johnson/Mini Johnson Gear Motor Mount L clamp (Bracket)-3pcs	3
18	24V/12V to 5V 5A Power Module DC-DC XY-3606 Power Converter	1
19	LM2596S DC-DC Buck Converter Power Supply	2
20	4WD Robot Car Chassis Kit (with motors & wheels) Motor: 1000RPM, 34.3N-cm- https://robu.in/product/orange-12v-og555-1000rpm-dc-motor-for-diy-projects-grade-a-quality/	1
21	Motor Driver Module (L298N / TB6612FNG)- https://www.amazon.in/L298N-BOARD-Motor-Drive-module-stepper/dp/B0CBPRVG4K	1
22	Wheels – https://robu.in/product/83mm-large-robot-smart-car-wheel-35mm-width-surface-red/	5
23	Chassis https://robu.in/product/easymech-warrior-chassis/	1
24	ESP32 –[Link]	1
25	· Raspberry Pi 4B 8GB (for camera or advanced navigation) – [Link]	1
26	Heatsink – [Link] (CAUTION: ALUMINIUM HEATSINK MAY BLOCK RADIO SIGNALS SUCH AS WIFI)	1
27	Ultrasonic Sensors (HC-SR04) [Links]	4
28	Infrared Sensors (line detection / edge detection) [Link]	4
29	IMU Sensor (MPU6050 or MPU9250)	
30	GPS Module (NEO-6M) [Link]	1
31	LiDAR sensor (RPLidar A1 / YDLiDAR)	1

32	Pi Camera / USB Camera [Link]	1
33	Li-ion / LiPo Battery Pack (11.1V or 12V, 2200–5000 mAh)	1
34	Voltage Regulator Module (LM2596 DC-DC Buck Converter)	1
35	RF Modules (433 MHz / nRF24L01) [Link]	1
36	Jumper wires (male–male, male–female) [Link]	1
37	Breadboard / prototyping board [Link]	1
38	· PCB / Perfboard (for permanent connections)	1
39	· Connectors, mounting brackets, screws, nuts & bolts	1
40	· Acrylic or metal plates for mounting components	1
41	Raspberry Pi 4 Model B (4GB RAM)	1
42	WATTNINE 12V 2200mAh Rechargeable Lithium Battery Pack	2
43	L298N Motor Driver Module	1
44	YDLIDAR X2 2D LiDAR Sensor	1
45	MPU-9250 IMU Sensor (9DOF)	1
46	Raspberry Pi 4 Camera Night Vision Camera	1
47	Waveshare SIM7600G-H 4G HAT	1
48	Buck Converter (LM2596S Step-Down)	2
49	On/Off Rocker Switch SPST 2 Pin	1
50	IMAX B3 AC Pro Compact Balance Charger for 2S-3S LiPo	1
51	Mini HDMI To HDMI Cable	1
52	Dupont Jumper Wires (Male/Female)	1
53	Mounting Holder for Raspberry Pi	1
54	Wire (Red and Black)	1
55	Jack Connector Cable Plug Wire	1
56	Zip Ties (Teeth Grip Nylon, Self Locking)	1
57	Kit4Curious Acrylic 6 Wheel Drive Curious Chassis	1
58	GUNK 8 IN 1 Solder Iron kit	1
59	Robustt Double Sided Tape (3 cm x 3 m)	2
60	Insulating Tape	2

61	Super Debug Plastic Towerpro Sg90 Micro Servo Motor	2
62	Techtonics Servo bracket PT pan/tilt camera platform	1
63	Basic Snap-off Blade Knife	1
64	Raspberry pi 4 8 gb	1
65	SLAMTEC RPLiDAR C1M1-R2 Portable ToF Laser Scanner Kit – 12M Range	1
66	N25 6V 260 RPM Metal Gear Motor With Encoder	6
67	Raspberry Pi Camera Module 3	1
68	MPU9250 9-Axis Attitude Gyro Accelerator Magnetometer Sensor Module	1
69	WLY104050 3.7V 2500mAh 1S LiPo Battery – Micro Rechargeable Battery Pack for Wearables / Micro Drone / IoT	5
70	Urbn 20000 mAh 22.5W Nano Power Bank	1
71	10CM Female to Female Breadboard Jumper DuPont 2.54MM 1P-1P Cable 40 Pcs	1
72	SeeedStudio Grove I2C Motor Driver (TB6612FNG)	1
73	Male To Male Jumper Wires 40 Pcs 10cm	1
74	Male To Female Jumper Wires 40 Pcs 10cm	1
75	5 x 7 cm Universal PCB Prototype Board Single-Sided 2.54mm Hole Pitch Rated 5.00 out of 5 based on 1 customer rating	2
76	Motor Driver TB6612FNG Module Performance Ultra Small Volume 3 PI Matching Performance Ultra L298N	2
77	Motherboard, PCB, Breadboard Jumper Cable 150mm 24AWG (Black) – 50Pcs	1
78	Solderless 400 pin breadboard – Normal Quality – Without Packing	2
79	ACEBOTT MG90 Metal Gear Micro Servo Motor 180 Degrees Compatible with ESP32/Arduino	1
80	Raspberry Pi Zero 2 W	2
81	Raspberry Pi Zero/Zero W 5MP Camera	2
82	AMG8833 8×8 thermal camera	2
83	Hi-Link HLK-LD2461, 24GHz Trajectory Detection Radar Sensor	1
84	BNO055 9-DOF	2
85	0.96 Inch I2C/IIC 4pin OLED Display Module Blue color	2
86	MAX30100 Pulse Oximeter	2

87	MAX9814	2
88	Pam8403 mini 5v digital amplifier board	2
89	2 x 18650 Lithium Battery Shield	2
90	DMEGC INR18650-32E 3.7V 3200mAh Li-Ion Battery	4
91	3.7V 4.2V to 5V DC-DC DC Boost Converter Module	2
92	SX1278 LoRa Module	2
93	Men's Combat Military/Army Helmet	2
94	WLY902030 3.7v Microlipo	2
95	ROCKER SWITCH	2
96	SK-3260D-01-L1-XKB-50mA Single Pole Double Throw (SPDT) 12V 12V 50mA 10,000 times Black Plugin Slide Switches	2
97	TSA039A3518A-BZCN-2mm 3.5mm Rectangle button 50mA Horizontal attachment 4.6mm 12V SMD Tactile Switches	4
98	ESP32-C3	2
99	Raspberry Pi 4 Model-B with 4 GB RAM	1
100	Raspberry Pi Camera Module 3	1
101	Waveshare 4inch Capacitive Touch Display for Raspberry Pi, 480×800, DSI Interface, IPS, Fully Laminated Screen	1
102	NEO-6M GPS Module with EPROM – Normal Quality	1
103	MAX30102 Heart Rate and Pulse Oximeter Sensor Module (Black)	1
104	MPU-6050 3-Axis Accelerometer and Gyro Sensor	1
105	SanDisk Ultra 64GB microSDXC UHS-I, 140MB/s R, Class 10 Memory Card	1
106	PL2303 PL2303HX USB To TTL(Serial) Converter Module – 5 Pin	1
107	boAt Energyshroom PB300 Pro 10000mAh Pocket Size Compact Power Bank, USB Type-C Input (2-Way Port), Pass-Through Charging, Compatible with Tablets, Smartphones, Earbuds, Smartwatch(Carbon Black)	1
108	SLVC FFC Cable 15 Pin 1.0mm Same Side Pin(500mm Length) flat flexible FPC LVDS Ribbon Wire Flat Cable for digital camcorders,laptops,LCD TVs,LCD,3D Printer(White)(Pack Of 1)	1

109	ESP32 38pin Development Board (ESP32 dev)	3
110	REYAX RYUW122 Lite UWB Eval Board (UWB module)	3
111	Waveshare Core SX1262 868MHz LoRa module	3
112	LoRa Antenna 868 MHz	3
113	GPS NEO6M module (with antenna)	3
114	DFRobot ESP32-S3 AI Camera Module	1
115	Mini MP1584 DC-DC Buck Converter (3A, adjustable)	5
116	4×AA Battery Holder (pack of 2 holders)	3 packs
117	Duracell Ultra Alkaline AA (pack of 12)	2
118	3.5 mm wired earphones (cheap)	3
119	Jumper wires (Dupont set, mixed M/F)	1
120	ATECC608A For AES encryption	3
121	Soldier Helmets	3
122	Mini Audio Amplifier	3
123	TTGO T-Beam (ESP32+LoRa+GPS+Battery	1
124	Li-ion battery 4V (6 nos)	6
125	LoRa Antenna SMA/915/868MHz	1
126	PIR Motion Sensor	1
127	RCWL Microwave Motion Sensor	1
128	Microphone Module	1
129	Buzzer Driver Module	1
130	Push Button Switches (2 nos)	2
131	Male-to-Male Jumper Wires (40 pcs)	40
132	Male-to-Female Jumper Wires (40 pcs)	40

Sr. No.	Tender No & Date:	Reference No. COEP/MS25/PUR_00 DATE: 26/09/2025
1.	Issue of Tender Forms:	19/09/2025
2.	Last Date of Receipt of Tenders:	26/09/2025 ; 12:00 pm
3.	Opening of Tenders:	26/09/2025 ; 3:00 pm
4.	Tender Fees:	NIL
5.	Correspondence Address:	MindSpark Office, Manufacturing Department, Hall above the Fab Lab, COEP Technological University Pune, Shivajinagar, Pune 411005

- The details of 1, 2 and 3 will be displayed on the www.coeptech.ac.in

TERMS AND CONDITIONS:

1. Sealed quotation to be addressed to “**The Vice-Chancellor, COEP Technological University**” and to be submitted at **MindSpark Office**, Manufacturing Department, Hall above the Fab Lab, COEP Technological University, Shivajinagar, Pune-411005 on or before the specified deadline during office hours (9 am to 5 pm).
2. All submitted quotations must strictly adhere to the particulars and quantities specified in the Call for Quotation.
3. Quotations received after last date of submission will be rejected.
4. Quotations should be signed by the authorized signatory.
5. The rates mentioned in the quotation must remain valid for a period of **six (6) months** from the date of submission.
6. Quotations sent via email will not be accepted and will be disqualified.
7. The University reserves the right to reject any or all quotations in case of incomplete, incorrect, or non-compliant submissions.
8. The University reserves the right to procure any item in any quantity, irrespective of the initial requirement, without providing any justification.
9. Quotations must be submitted in a properly sealed envelope clearly mentioning the name and stamp of the firm. Unsealed or improperly sealed envelopes are liable to be rejected by the MindSpark’25 team.
10. All relevant supporting documents must be enclosed with the quotation.
11. All interested vendors must possess a valid pan card number and a GST number.
12. The Vendor shall acknowledge and accept the Purchase Order within 2 days from the date of issuance of Purchase Order.

13. Taxes, transportation, and any additional charges must be **mentioned separately** in the quotation.
14. GST will be paid only for those deliverables that fall under GST regulations. Vendors must provide a valid **GST number and GST certificate**. Failure to do so will result in non-payment of the GST component.
15. 100% payment will be made **only after completion of MindSpark'25**, and for goods received in good condition.
16. **Quantity may vary as per event requirements.**
17. Quotation opening date, time and venue will be notified.
18. No advance payment will be made under any circumstances.
19. In case of late delivery of the materials, a penalty amount will be deducted from the total payable.
 - a) For Purchase Orders valued below ₹2,00,000: Penalty at the rate of **0.5% per week of delay**, subject to a maximum of **10% of the Purchase Order value**.
 - OR**
 - b) For Purchase Orders valued at ₹2,00,000 and above: Penalty at the rate of **0.5% per week of delay**, subject to a maximum of **5% of the Purchase Order value**.
20. The vendor will be solely responsible for the safety and well-being of their workers and labourers. COEP Technological University will not be liable for any accidents, injuries, or unfortunate incidents.
21. Responsibility of transportation will be of the vendor completely.

In Case of queries, contact
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