



शासकीय अभियांत्रिकी महाविद्यालय, औरंगाबाद
छत्रपती संभाजीनगर

(महाराष्ट्र शासनाची स्वायत्त संस्था)
स्टेशन रोड, उस्मानपुरा, छत्रपती संभाजीनगर (महाराष्ट्र)

"In Pursuit of Technical Excellence"

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GECACS/Store/2025/ 1433

Date : 04.2025

18 APR 2025

To,

QUOTATION Inquiry

1. Institute Website
2. Notice Board
3. Institute copy

Sub:- Quotation for Various items for Robocon

Sir, You are requested to send your quotations on following conditions. in sealed envelope for the supply of the item listed herewith. Mention letter no & date of opening on the quotations on the envelope. Submit the same on or before Date: 29/ 04/2025 up to 03.p.m

Sr	Name of items with specification	Quantity required *
1	Square Gearbox motor=24v Operating Voltage: 24V DC No Load Current: 318 mA No load Speed: 300 RPM (at 24V) Full Load Current (A): 1.3 Rated Current (A): 1.3A Rated Torque (Kg-cm): 5.5 Shaft Length (mm): 24.5 Shaft Diameter (mm): 8 Length (mm): 91 Dimension Overall: 95.75 X 60.5 X 91 (Length) Mounting Holes: M4 threading Weight (gm): 490	2
2	RS-795 motor.	4

2	RS-795 motor. Voltage: 12V DC. Speed: 6000 RPM. Torque: 3.36 N-cm. Output Power: 19.7W. Rated current (mA): 3000 Shaft diameter: 5 mm. Shaft length: 10 mm.	4
3	Flipsky 5065 200kv Speed-1800 Voltage- 200 Kilovolts Horsepower- 200 Watts Material- Alloy Steel Weight-500gm	2
4	Pro-Range Planetary Gear DC Motor Operating Voltage: 12V DC Rated Torque: 20 N-cm Rated Speed: 1350 RPM Rated Current: 3.88 A Rated Power: 46.32 W Gear Ratio: 3.7 : 1	2
5	Pro-Range OG555 High Torque DC Motor Voltage (DC):12V Rated RPM (at 12V):1000 Gear Reduction: 10K Rated Torque (N-cm): 34.3 Full Load Current (A):6.836 The Shaft is D type	2
6	200MM Linear Actuator Stroke Length Linear Actuator 50mm/S 180N	1
7	85 Kgcm of Output torque 800kv Outrunner base motor Gearbox ratio- 19.1:1 1000 RPM speed	2
8	PB-BLDC-5840-3650 24V 160 RPM Brushless DC Worm Gear Motor with Encoder RPM- 160	1

	<p>Rated Voltage (VDC)- 24 Rated Torque: 15 kg. cm Stall Torque: 25 kg. cm Rated Current: 1.6 A Stall Current: 3.5 A Total Length(LxWxH) : 115x40x55mm Gear Material: Full Metal Shaft Size : 8 x 15mm(D*L)</p>	
9	USB coral Accelerator	
		1
10	<p>Raspberry Pi 5 (8gb ram). 64-bit quad-core ARM Cortex-A76 processor (2.4 GHz) VideoCore VII GPU (800 MHz) 8 GB of LPDDR4X RAM (4267 MHz) Raspberry Pi silicon RP1 I/O controller chip. Real-time clock. On/off button. PCIe 2.0. UART connector.</p>	1
11	PS-5 controller (white and black)	2
12	ESP-32	15
13	<p>Orange Lipo Battery Voltage: 11.1V Capacity- 10000mah Max Continuous Discharge: 35C Balance Plug: JST-XH Discharge Plug: XT-60</p>	2
14	<p>Single side PCB. Reinforced with glass fiber laminate on the core. 20 X 30cm Thickness: 1.5 mm</p>	5
15	MT30 3 Pole Motor/ESC Connector Set	5
16	XT60 Connector Pair	20
17	Fuse (3 amp)	10
18	Mini MP1584 DC-DC 3A Adjustable Buck Module	10
19	Miniature Toggle Switch-6 Pin	10
20	Slide Switch	10
21	7x7mm 6 Pin DPDT Self-Lock lock Push Switch	10

23	4 Channel Isolated 5V 10A Relay Module	2
24	Single-channel 5V 30A Relay Module	3
25	DC Buck Converter 5A DC-DC Step Down adjustable Power Supply module10	5
26	Logic Level Converter – Bi-Direction Bi-Directional Conversion: 5V to 3.3V and 3.3V to 5V. Wide Voltage Range: Supports 1.8V, 2.8V, 3.3V, and 5V devices.	5
27	Rainbow Cables	1 box
28	300W DC-DC Buck Converter, 5~40V to 1.2~35V Adjustable Voltage Step Down Power Supply Module	2
29	Hypersen ToF Ranging Sensor HPS-166 Range 10M Frequency 54HZ UART Interface	1
30	Fork Insulated Terminal for wire size 2.5 sq.mm	20
31	Red and black 2.5 mm wire	1 box
32	XH-A-2.5mm-5 pin Wafer Male Connector	10
33	XH-A/AW-2.5mm-5 pin Female Housing Connector	10
34	XH-A-2.5mm-2 pin Wafer Male Connector and socket	10
35	3 Pin JST XH 2.54mm Pitch Plug and Socket	10
36	4 Pin JST XH 2.54mm Pitch Plug and Socket	10

(* Quantity may be increased or decreased)



(Dr.S.S.Dambhare)
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