



शासकीय अभियांत्रिकी महाविद्यालय, औरंगाबाद
छत्रपती संभाजीनगर

(महाराष्ट्र शासनाची स्वायत्त संस्था)

स्टेशन रोड, उस्मानपुरा, छत्रपती संभाजीनगर (महाराष्ट्र)

"In Pursuit of Technical Excellence"

☎ - office: (0240) 2366101, 2366102, 2366111

e-mail – office.gccaurangabad@dtmaharashtra.gov.in web : www.geca.ac.in

GECACS/Store-Drone Club/2025/ 2306

QUOTATION Inquiry

Date : 28 JUN 2025

To,

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

Sub:- Quotation for Various items for Drone Components for NIDAR drone competitions

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: - 07 / 07/2025 up to office time

Sr. No.	Name of items with specification	Quantity Required
1	Holybro Pixhawk 6C Flight Controller + PM02 Power Module Model: 6C + PM02 Clock speed: 480 MHz Processor: H7 micro-controller contain the Arm Cortex-M7 RAM: 1MB Flash Memory: 2mb	1
2	Pixhawk 2.4.8 Drone Flight Controller PX4 32 Bit Autopilot Supply Voltage: 7V. Processor: 32 Bit Cortex M4 Core Bus interface (UART, I2C, SPI, CAN). Firmware: Mission planner. Sensors: Gyrometer, Accelerometer, Barometer & Magnetometer Micro SD card to record flight data.	1

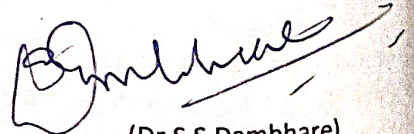
3	NVIDIA Jetson Orin™ Nano Super Deployment Kit GPU: 1024-core N-VIDIA Ampere architecture GPU with 32 Tensor Cores 1020 MHz Memory: 8GB 128-bit LPDDR5, 102GB/s CPU: 6-core Arm® Cortex®-A78AE v8.2 64-bit CPU, 1.7GHz Model power : 7-25W Jetson Orin Nano development kit include : Jetson Orin Nano Module x1 JETSON-ORIN-IO-BASE x1 Cooling Fan x1 256GB NVMe Solid State Drive x1 Wireless network card x1 Power adapter x1	1
4	OAK-D-Lite HD Camera Development Kit OpenCV AI Machine Vision DEPTH MEASURING RANGE :- 0.2 ~ 9 m DEPTH CAMERA :- global shutter RGB CAMERA :- 13MP MAX FRAMERATE:- 60fps (RGB), 200fps (Depth) AI CHIP :- Intel Myriad X 4TOPS computing performance VIDEO PLUG FLOW :- 4K 30 fps H.265 plug flow CONNECTOR :- USB3.0 Type-C	1
5	CUAV NEO 3 GPS Module GNSS U-blox RTK Receiver: Ublox M9N GNSS Bands: GPS/QZSS L1 C/A, GLONASS L10F ,BeiDou B1I, Galileo E1B/C, SBAS L1 C/A: WAAS, EGNOS, MSAS, GAGAN Compass: IST8310 Barometer: MS5611	2
6	5010 750KV High Torque Brushless Motor KV(rpm/v) : 750KV Compatible LiPO Batteries : 2-6s Li-Po Required ESC : 20-40A Shaft size : 4mm Maximum Thrust (gm) : 1500@4S	4
7	Readytosky 80A ESC 2-6S Continuous Current: 80A Burst Current: 100A BEC Mode: Linear Mode, 5V@3A Battery cell: 2S-6S	4

8	Pro-Range Propellers1447(14X4.7) Glass Fiber Nylon Gray 1CW+1CCW-1pair Length: 14" Pitch: 4.7" Shaft Diameter: 7.86mm Total Length: 35.5cm Includes a set of plastic reducers (3,4,5,6 mm)	6
9	SKYDROID T12 2.4GHZ 12CH Remote Controller with R12 Receiver and 3IN1 Camera Operating Voltage (V): 3.7 Working Current (mA): 130mA Modulation Method: FHSS Frequency (GHz): 2.400-2.4833 No. of Channels : 12 Charging Port : MICRO-USB Camera : High-Resolution Video Transmission Low Latency Long-Range Transmission	1
10	Orange 22.2V 5200mAh 35C 6S Lithium Polymer Battery Model No: ORANGE 5200 6S Capacity: 5200 mAh. Voltage: 22.2V Max Continuous Discharge: 35C Balance Plug: JST-XH Discharge Plug: XT60	1
11	Orange 14.8V 6200mAh 35C 4S Lithium Polymer Battery Model No: ORANGE 6200/4S-35C Capacity: 6200 mAh Constant Discharge: 35C. Max discharge : 70C (10 sec). Balance Plug: JST-XH. Discharge Plug: XT-60 Female.	1

12	SpeedyBee 2006-1950KV Motor Bee35 3.5 inch FPV KV Value : 1950 Stator Poles: 12N14P Shaft Diameter: 1.5mm Operating Voltage: 6S Maximum Power: 514.54 W Maximum Current: 21.63 A	2
13	FLY SKY FS IA6B RF 2.4GHz 6CH PPM output with iBus port receiver Model:FS-IA6B Operating Voltage (VDC):4.0 ~ 8.4V No. of Channels:6 No. of Band:140 Encoding: GFSK. RF Range:2.4055–2.475 GHz. Rx Sensitivity (dBm):-105	1
14	FlySky FS-IA10B Radio Receiver No. of Channels: 10 RF Range: 2.4055-2.475GHz RF Channel: 140 RF Receiver Sensitivity: -105dBm Bandwidth: 500KHz 2.4GHz System: AFHDS 2A Modulation Type: GFSK Operating Voltage: 4.0-6.5V DC	1
15	eSUN ABS+ 1.75mm 3D Printing Filament	Red 1 kg Black 2 kg
16	Arduino Uno R3 ATmega328P Microcontroller Operating Voltage : 5v	4
17	Arduino Nano CH340 Chip Operating Voltage (logic level): 5V Atmel Atmega328P-AU MCU	4
18	ESP32 Wroom 32 Model: ESP32-WROOM-32D CPU: Xtensa dual-core 32-bit LX6 microprocessor Voltage: 3.6V	4
19	ESP32 Cam module	2
20	XT60 connector pairs	20

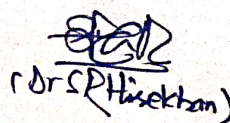
21	Breadboard (Large size)	4
22	Jumper Wires (Male-Male, Male-Female, Female-Female)	120 Each
23	Single side PCB Reinforced with glass fiber laminate on the core 20 x 30cm Thickness: 1.5mm	5
24	MT30 3 Pole motor/ ESC Connetor Set	10
25	Rainbow Cable	1 Box
26	Red and Black wire 2.0mm wire	1 Box
27	Haoyue MAS830L Digital Handheld Multimeter, 600 VAC/DC	1
28	Soldering Wire 1 mm 50 gm	5
29	Soldering Station Model no. 926 upgraded version Power : 60W	1
30	Allen Key Set	1
31	Lipo battery Voltage checker	2
32	A2212 1000 KV BLDC Brushless DC Motor for Drone	4
33	X6B 2.4G 6CH i-BUS PPM PWM Receiver for AFHDS Channels: 6(PWM), 8(PPM), 18(i-BUS)Model DSC port: PPM/PWM/i-BUS Compatible Transmitter: All AFHDS 2A Transmitter, for example, FS-i10 FS-i6, FS-i6S, FS-i6X, FS-i4, FS-i4X.	2

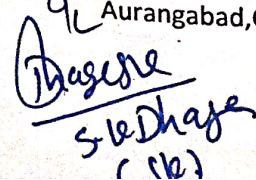
(* Quantity may be increased or decreased)

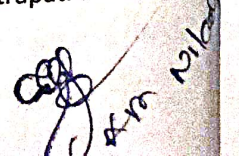

(Dr.S.S.Dambhare)

PRINCIPAL

GOVERNMENT COLLEGE OF ENGINEERING
Aurangabad, Chatrapati Sambhajinagar


(Dr.S.P.Hisekhan)


S. K. Dhage
(16)


(16)

Conditions of the quotations:-The rate should be quoted F.O.R. Chatrapati Sambhajanagar & along with packing forwarding freight etc. Charges

(B) The firm should registered as per BST/CST/GST Act.

1. The rate quoted should be valid for minimum Six Month from the date of opening of the quotation.
2. If supply order placed with you, The goods Delivery period should be maximum two weeks from receipt of supply order, otherwise you should be very clearly mentioned the delivery Period in your quotation.
3. Your items should be quoted to our serial number only.
4. The rate should be quoted as per our specification otherwise your items having specifications are different from those of ours should not be quoted. But the rates of your items having nearest specification should be quoted. Minimum packing size may be mentioned if required.
5. The leaflets like illustrated, descriptive technical literature which will give the information about the item such as more specifications, make , type, pictorial view, name of manufacturer, origin of the company etc. should be specified with the quotation of the relevant full information should be mentioned clearly.
6. The samples should be supplied if required.
7. The undersigned Reserve the right not to consider or the quotation in absence of the convincing, satisfactory information about the item.
8. In case of machinery, equipment, Apparatus instrument etc. the operating instructions and maintenance manual, demonstration etc. may be required before finalizing the order for supply of the items
9. The undersigned Reserve the right without giving any reason (a) to reject the quotation in part of full (b) to extend the date of opening the quotation and (c) to cancel the quotation in part or in full
10. If the quotation is accepted the items should be supplied to the institute on or before the stipulated period or within the period decided by mutual consultation otherwise the order for supply of the items to the store shall be treated as cancel unless the extension for delivery period is agreed to by the undersigned
11. If the items Delivered late without prior approval from the undersigned a sum equivalent to the half percent per week or part thereof of the net cost of the late delivered item beyond the stipulated period will be deducted from the bill
12. The bill in the triplicate of the items supplied should be sent directly to the undersigned by hand delivery or by registered post account due.
13. Damaged, deficient, not in accordance with the accepted specifications and unsatisfactory items will have to be collected by the supplier at the cost and risk or the appropriate cost for such shortcomings may be deducted from the bill by mutual Consultation.
14. The stores should be insured with the government insurance fund, Mantralaya Mumbai for transit risk. The premium theory of may be paid by the supplier and the same may be charged in the bill separately.
15. The payment of the bill will be released only after the delivery of the stores at the office in good condition and subject to inspection, testing and satisfactory compliance in accordance to the specifications as decided i.e. only after final acceptance of the goods.
16. You should be able to furnish the necessary Income Tax certificates as and when request by us.