भारतीय सूचना प्रौद्योगिकी संस्थान, नागपुर

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, NAGPUR

"An Institution of National Importance by an Act of Parliament"

Survey No. :140,141/1 Behind Br. Sheshrao Wankhade Shetkari Sahakari Soot Girni, Village: Waranga PO : Dongargaon(Butibori),District: Nagpur (Maharashtra)-441108

Website: www.iiitn.ac.in Email: director@iiitn.ac.in, registrar@iiitn.ac.in Phone: 9405215010

(Please quote "REF CODE NO" for reference in all documents)

QUOTATION ENQUIRY

SUBJECT: - QUOTATION FOR PROCURMENT OF ELECTRONIC COMPONENTS AND DEVICES AT IIIT NAGPUR.

Supplier Name: - **M/s**	**Ref No.: IIITN/ADMIN/EC&D/QUOT/2025-26/06**	**Date of issue: - 30.07.2025**
Ph No: -	**Last Date of Submission: - 08/08/2025 up to 03.00 PM At IIIT Nagpur Permanent Campus**	
Email id:-	**Opening Date of Quotation: - 08/08/2025 at 03.30 PM**	

On behalf of Director, IIIT Nagpur, quotations are invited in sealed cover for Supply of **Electronic Components and Devices** at IIIT Nagpur.

The quotation should be valid for 90 days from the date of submission.

Quotation should reach the Registrar, **Indian Institute of Information Technology Nagpur, Survey No.: 140,141/1 Behind Br. Sheshrao Wankhade Shetkari Sahakari Soot Girni, Village: Waranga PO: Dongargaon (Butibori), District: Nagpur (Maharashtra)- 441108 on or before 08/08/2025 up to 3:00 PM**.

It will be presumed that the rates quoted by the firm are inclusive of all taxes on **D.A.P. Indian Institute of Information Technology Nagpur, Survey No.: 140,141/1 Behind Br. Sheshrao Wankhade Shetkari Sahakari Soot Girni, Village: Waranga PO: Dongargaon (Butibori), District: Nagpur (Maharashtra)-441108 basis.**

Information / Documents which are found to be false / incorrect / forged / fake, will lead to disqualification of the quotation. The Institute shall be free to take any action including blacklisting the firm / company.

Each and every document submitted with the quotation along with this quotation format should be duly signed & stamped failing which, submitted quotation may be treated as non-responsive. The decision of the Director, IIITN shall be final on the matter.

The Institute reserves the right to reject any or all quotation, wholly or partly or close the quotation at any stage prior to the award of contract without assigning any reason whatsoever.

INCOMPLETE OR CONDITIONAL QUOTATIONS MAY BE REJECTED.

A. Specifications for the Electronic Components and Devices: -

Sr No	Description / Specifications	Unit	Qty
1.	**S500 Carbon Fiber Quadcopter Drone Frame Kit** 1. High-Quality Carbon fiber Material Frame 2. Comes With Landing Gear 3. Power Distribution Board Pre-Installed 4. Easy to Assemble kit	**Nos**	**03**
2.	**ReadytoSky 40A 2-4S ESC for Drone** 1. 40A OPTO 2-4S Brushless ESC. 2. The applicable number of battery cells:2-4S. 3. BEC output: 5V 3A. 4. Use for F450 450mm S500 ZD550 RC Helicopter Quadcopter. 5. Highly intelligent, adaptive ability, extremely easy to use.	**Nos**	**12**
3.	**Pro Range Propellers 1045(10X4.5) Carbon Fiber Black 1CW+1CCW-1pair** 1. Length: 10″. 2. Pitch: 4.5″. 3. Weight: 22 gm. (Each pair) 4. Shaft Diameter: 9 mm. 5. Total Length: 10 inch / 250 mm. 6. Material: ABS	**Nos**	**08**
4.	**Pixhawk 2.4.8 Drone Flight Controller PX4 32 Bit Autopilot** 1. Supply Voltage: 7V. 2. Processor: 32 Bit Cortex M4 Core 3. Bus interface (UART, I2C, SPI, CAN). 4. Firmware: Mission planner. 5. Sensors: Gyrometer, Accelerometer, Barometer & Magnetometer 6. Micro SD card to record flight data.	**Nos**	**03**
5.	**CHHD M3 X 8mm Bolt and Nut Set-25 pcs.** 1. Type: M3 (3.0mm Diameter) 2. Material: Mild Steel 3. Bolt Length: 8mm 4. Bolt Head Style: Slotted & Round 5. Pack Quantity: 25 sets.	**Nos**	**06**
6.	**Anti-Vibration Shock Absorber for APM/KK/MWC/PixHawk** 1. Material: Glass-fiber 2. Suit for different open-source flight controllers, like APM 2.5/2.6/2.8, KK, MWC, and Pixhawk 2.4 3. Package Weight: 24 gm.	**Nos**	**04**
7.	**M3 X 6mm CHHD Bolt and Nut Set-25 pcs.** 1. Type: M3 (3.0mm Diameter) 2. Material: Mild Steel 3. Bolt Length: 6mm 4. Bolt Head Style: Slotted Round 5. Pack Quantity: 25 sets. 6. Nut Type: Hex	**Nos**	**06**

8.	**4G LTE Wireless Dongle with All Sim Network** 1. Special Feature- LED Indicator 2. Frequency Band Class- Single-Band 3. Wireless Communication Standard-802.11g	**Nos**	**03**
9.	**Safe Connect XT-60 Male Connector to Banana Connector Charge Adapter Cable** 1. Thick 14 AWG Wire. 2. Length: 20cm 3. Weight: 35 gm. 4. Input Connector: Male 4mm Banana Plug 5. Output Connector: Female XT60 (with male bullets)	**Nos**	**04**
10.	**Safe Connect XT-60 Male Connector to XT-90 Female Connector Battery Adapter Cable** 1. Great for adapting your XT60 batteries for use with chargers/ESCs that don't provide an XT60 adapter 2. The quick, easy and affordable solution for your mismatched connector 3. Saves you money and soldering time 4. Use to convert your battery's XT90 connector to a XT60 male connector 5. Great for use with RC planes, helis, cars, and trucks	**Nos**	**04**
11.	**3DR Single TTL MINI Radio Telemetry 433MHz 500mW for PIXHAWK and APM FC** 1. A range of several Kilometers with a small Omni Antenna 2. Can be used with a bi-directional amplifier for even more more range 3. Open Source Firmware 4. At command for radio configuration 5. RT Commands for Remote radio Configuration 6. Adaptive flow control when used with APM 7. Based on the Hope RF HM-TRP radio Module 8. Featuring a SiLabs Si1000 RF Microcontroller 9. Support OTG of Android Cellphone and Computer	**Nos**	**03**
12.	**ELEGOO Centauri carbon 3D Printer** 1. CoreXY Motion System: 500 mm/s speed, 20,000 mm/s² acceleration. 2. High-Temperature Nozzle: 320°C brass-hardened steel. 3. Full-Auto Calibration: Easy setup and optimized prints. 4. Enclosed Chamber: Superior cooling for advanced materials. 5. Multi-Color Printing: Available in Q3 2025, compatible with Centauri Carbon. 6. Chamber Camera: Monitors print remotely.	**Nos**	**01**
13.	**Arducam 16MP Autofocus USB Camera with Microphone, 1/2.8″ IMX298 Mini UVC USB2.0 4K Video Webcam** 1. SENSOR 1/2.8" IMX298 2. Resolution 16MP 4656H x 3496V 3. Data Format MJPG/YUY2 4. Field of View (FOV) H= 60° 5. Focusing Range 100mm to infinity 6. IR Sensitivity Integral IR filter, visible light only	**Nos**	**01**

B. GENERAL TERMS AND CONDITIONS: -

1. The Supplier shall supply approved make and specification as per the technical standards and requirements defined in the quotation.
2. The quantity of the above components and devices may be increase or decrease as per requirements. Payment shall be made based on the actual quantity.
3. The supplier has to provide support for any defects or issues during the warranty period.
4. Supplier shall provide demonstration and initial configuration support, if required by the Institute.
5. The entire Material shall be supply within **10 days** from the date of issue of Purchase Order.
6. The payment shall be released only after successful supply obtaining satisfactory report from the Competent Authority.
7. The time allowed for the work shall be strictly followed otherwise the Selected Bidder shall be liable to pay compensation at the rate of 0.5% of the quoted Price of the work per week of delay on the part of the Selected Bidder subject to a maximum of 10% of the total Contract Value.
8. Any amendment or corrigendum regarding this Quotation will be issued on the Institute website **www.iiitn.ac.in** only.

Registrar

Annexure-A

DETAILS OF THE BIDDER

The following details are to be filled by the Bidder and also to be attached the necessary certificates, along with Firm's Registration Certificate without which the quotation may not be entertained.

1	Name & Address of the Agency / Firm / Company	
2	Year of Establishment:	
3	Registered Office Address	
4	Nature of the firm (Proprietorship / Partnership / Private Limited or Cooperative body etc)	
5	Registration No of Firm (Enclose Copy of the Registration)	
6	GST Registration No. (Enclose Copy of the GST Certificate) ***If GST is not applicable enclose CA Certificate***	
7	PAN No. (Enclose Copy of PAN Card)	
8	Name & Address of the Authorized Person	
9	Contact No.	
10	Email-ID	

Signature of Bidder with Seal and Date

"FORMAT OF QUOTATION ENQUIRY"

Ref No.: IIITN/ADMIN/EC&D/QUOT/2025-26/06 **Date: - 30.07.2025**

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Sr. No	Particular	Unit	Qty	Amount Per Unit in Rs.	Total Amount in Rs
1.	**S500 Carbon Fiber Quadcopter Drone Frame Kit**	**Nos**	**03**		
2.	**ReadytoSky 40A 2-4S ESC for Drone**	**Nos**	**12**		
3.	**Pro Range Propellers 1045(10X4.5) Carbon Fiber Black 1CW+1CCW-1pair**	**Nos**	**08**		
4.	**Pixhawk 2.4.8 Drone Flight Controller PX4 32 Bit Autopilot**	**Nos**	**03**		
5.	**CHHD M3 X 8mm Bolt and Nut Set-25 pcs.**	**Nos**	**06**		
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11.	**3DR Single TTL MINI Radio Telemetry 433MHz 500mW for PIXHAWK and APM FC**	**Nos**	**03**		
12.	**ELEGOO Centauri carbon 3D Printer**	**Nos**	**01**		
13.	**Arducam 16MP Autofocus USB Camera with Microphone, 1/2.8″ IMX298 Mini UVC USB2.0 4K Video Webcam**	**Nos**	**01**		
A				Basic Total	
B				Less, Education Institutional Discount	
C				Subtotal (A-B)	
D				Add, GST / Taxes (on C)	
				Total Quoted price in Figures Rs (C + D)	
	Total Quoted price in Words Rs.				

Signature of Bidder with Seal and Date

1. The Price quoted by the Bidder shall be fixed for the duration of the contract and shall not subjected to adjustment on any account.

2. The Bidder with lowest Total Quoted Price (L1) shall be selected subject to fulfillment of all the other applicable conditions of the Quotation.

3. The bidder must quote for all the items listed in the quotation. Partial quotations for selected items will not be accepted and such bids will be treated as non-responsive and liable for rejection.

Note: - Price / Commercial bid & other details should be furnished as per Institute's prescribed format failing which the price / commercial Bid may be treated as unresponsive and may lend to disqualification.