



Guru Nanak Dev University, Amritsar – 143005, Punjab, India

(Established by the State Legislature Act No. 21 of 1969 and University with Potential for Excellence by UGC)

Department of Mechanical Engineering

Quotation Notice

Letter No.: 5284/ME
Date: 13-02-2026

Subject: Inviting sealed quotations for items at Department of Mechanical Engineering, Guru Nanak Dev University, Amritsar.

Sealed quotations through web portal are invited for the procurement of below mentioned items at Department of Mechanical Engineering.

| Sr. No. | Description | Qty. |
|---------|---|------|
| 1. | Flight Controller F405 FC (Solderless) with STM32F405 chip ICM42688P Gyro Type-C USB i2C for GPS | 10 |
| 2. | Electronic Speed Controller 4 in 1 (50 Amps) 8-Bit with EFM8BB21F16G MCU Current Rating: 50A Continuous, 60A Burst | 10 |
| 3. | ELRS 2.4GHz Receiver Built in with ESP32 chip compatible with ExpressLRS firmware | 10 |
| 4. | GNSS Module Powered by u-blox M10 receiver Supports: GPS L1, GLONASS L1, Galileo E1 etc for global satellite coverage | 10 |
| 5. | Drone Frame: 5 - Inch Carbon Fibre Frame Built with 3K Carbon Fibre, 4mm (min.) arm thickness Supports 5" Propellers with a wheelbase between 210mm and 225mm Standard Mounting Pattern: 30.5 x 30.5 mm and 20 x 20 mm weight not exceeding 250gms | 10 |
| 6. | Brushless Motors Size: 1507 Rating: 2200kV Compatible with 5" FPV training drones Steel Shaft | 40 |
| 7. | Propellers: 5 - inch Tri-blade configuration built with polycarbonate or equivalent material | 40 |
| 8. | Drone Battery Rechargeable Lithium-ion (Li-ion) 2S Configuration Voltage: 7.4V (Nominal), 8.4V (Full Charge) Capacity: 2000mAh to 4000mAh XT30 connector | 10 |
| 9. | LED System Programmable LED System compatible with Betaflight Configurable Colors | 10 |
| 10. | Radio Transmitter (Controller): ELRS Compatible ExpressLRS 2.4GHz 08 Channel (min) 250mW (min) Power Range: 1 km Integrated LCD or OLED Display USB interface for firmware update and simulator | 10 |
| 11. | Battery Charger 2S – 6S Multi Battery Charger Capable of charging minimum 04 batteries simultaneously Integrated Display Over current/voltage protection Supports XT30 & XT60 connectors | 2 |

Interested vendors are requested to quote strictly according to the specifications. The sealed quotation (through speed post/courier) should reach the undersigned by latest by 23-02-2026 by 03:00 pm. Quotations received after the due date shall not be entertained.

Yours Faithfully,

Head, 13-02-2026
Head, 13-02-2026
Deptt. of Mechanical Engg
Guru Nanak Dev University,
Amritsar-143005, Punjab, India

TERMS & CONDITIONS:

1. Quotations should be addressed to Head, Department of Mechanical Engineering, UIT Building, GNDU, Amritsar
2. Rates should be F.O.R. GNDU Campus, Amritsar
3. Payment process will be initiated after the successful delivery and inspection.
4. No advance payment will be made in any case.
5. Rate should be inclusive of applicable GST.
6. The Vice Chancellor reserves the right to reject all or any of the quotations without assigning any reason
7. Quotations received after the specified date will not be entertained
8. Quantity of items may vary in purchase order