

No.ICFOSS/99/2025-TC4(IT)

09/10/2025

**QUOTATION NOTICE**

Competitive quotations are invited from qualified firms/agencies for Dragino Temperature Humidity LoRaWAN Device. Specification & technical details attached below:

| Sl.No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quantity |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1     | <b>Dragino Temperature Humidity LoRaWAN Device</b><br><br><b>Specification:-</b><br><b>Common DC Characteristics:</b> Supply Voltage: Built-in Battery, 2.5v ~ 3.6v, Operating Temperature: -40 ~ 85°C; <b>Temperature Sensor:</b> Range: -40 to + 80°C, Accuracy: $\pm 0.2$ @ 0-90 °C, Resolution: 0.1°C, Long Term Shift: <0.03 °C/yr; <b>Humidity Sensor:</b> Range: 0 ~ 99.9% RH, Accuracy: $\pm 2\%$ RH ( 0 ~ 100%RH), Resolution: 0.01% RH, Long Term Shift: <0.25 %RH/yr; <b>LoRa Spec:</b> Frequency Range: 865-867 Mhz IN Support, Max +22 dBm constant RF output vs, RX sensitivity: down to -139 dBm, Excellent blocking immunity; <b>Battery:</b> Li/SOCI2 un-chargeable battery, Capacity: 8500mAh, Self-Discharge: <1% / Year @ 25°C,Max continuous current: 130mA, Max boost current: 2A, 1 second; <b>Power Consumption:</b> Sleep Mode: 5uA @ 3.3v, LoRa Transmit Mode: 125mA @ 20dBm, 82mA @ 14dBm | 10       |

Rate should be quoted in gross amount including GST. Sealed quotation shall be reached this office on or before 4pm on 17/10/2025 to the undersigned marked properly on the cover “**Quotation for Dragino Temperature Humidity LoRaWAN Device**”

Quotation will be opened on 17/10/2025 at 4.30pm



  
Bijumon Joseph  
Secretary & Registrar  
ICFOSS