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NOTICE (सूचना)

सन्दर्भ: 5001/1/उपकरण/Trinity-F90/2024-25/

दिनांक: 24.09.2024

सेवा में

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विषय:- “साम्पत्तिक वस्तु प्रमाण-पत्र” (**PROPRIETARY ARTICLE CERTIFICATE**) के आधार पर संस्थान को प्रयोगशाला हेतु उपभोज्य को क्रय करना आपेक्षित हैं | जिसका विवरण निम्न तालिका-‘क’ के अनुरूप हैं-

तालिका-‘क’

क्र. सं.	विवरण	आवश्यक मात्र	ईएमडी की लागत	सुरक्षा जमा राशि
1	TRINITY F90+ With SONY RX1RII with QUBE 240 LIDAR and DATA PROCESSING SOFTWARE (PERPETUAL) Detailed specification as Annexure-I	01	लागू नहीं	लागू नहीं

सर्वजन को सूचित किया जाता है कि संस्थान द्वारा उपरोक्त तालिका-‘क’ के अनुरूप आपेक्षित उपकरण को (PAC) आधार पर क्रय करना हैं | यदि कोई उपभोक्ता/फर्मदाता/बोलीदाता, उक्त “उपकरण” के अनुरूप अपनी प्रतिभागिता करना चाहता हैं | वह 21 दिनों के अन्दर-अन्दर अपना पक्ष/प्रार्थना-पत्र/ई-मेल (पूर्ण विनिर्देशों के साथ) दी गई ई-मेल आई०डी० जैसे store_gen@wihg.res.in, stores@wihg.res.in, पर कर सकता हैं |

उक्त सूचना (Notice) 21 दिनों (दिनांक: 24.09.2024 से दिनांक: 15.10.2024 तक) तक प्रभाव में रहेगी |

-कृते-

(भंडार एवं क्रय अधिकारी)

कृते निदेशक, व.हि.भू.सं.

Technical Specification of indented Item

Max. Take-off Weight	5.0 Kg. (11.0 lbs)
Max. Flight time	90 + Min*
Max. Range (Area)	100 Km= 700 ha (62 mi= 1730 ac)
Command and Control Range	5-7.5 Km** (3.1- 4.7 mi)
Payload	Max. 700 g (1.54 lbs)
Optimal Cruise Speed	17m/s (33Km)
Wind Tolerance (Ground wind)	Up to 9m/s (17/5 kn)
Wind Tolerance (in cruise flight)	Up to 12m/s (23.3 kn)
Operating Temperatures	-12°C to 50°C (10.4 °F to 122°F)
Wingspan	2.394m (7.48 ft)
Transport Case Dimension	1002 x 830 x 270 mm
TECHNICAL DATA TRINTY F90+ LiDAR QUBE 240	
Max. Take-off Weight	5.4 kg (11.9lbs)
Max. Flight time	60 min ¹
Max. Range= Area	70 km= 500 ha
Maximum Flight altitude	3500 m ¹ MSL
Command and control range	5-7.5 Km (3.1-4.7 mi)
Cruise Speed	18 m/s (35 kn)
Wind tolerance (ground)	Up to 6 m/s (11.7 kn) < 1500 m MSL ² Up to 5 m/s (9.6 kn) < 3000 m MSL ²
Wind tolerance (Cruise)	12 m/s 23.3 kn)
Operating temperature range	-12°C to 50°C (10.4 °F to 122°F)
Wingspan	2.394 m (7.85 ft)
Transport case dimension	1002 x 830 x 270 mm (39.4x 32.7x10.6 inch)

Software:**YS CloudStation**

Cloud Station is the proprietary Software developed by YellowScan to provides a complete software solution to create and manipulate point cloud data. It allow to extract, process and display data immediately after the acquisition flight. The auto-generation of strips and the production of LAS files are now done in only few clicks.

YellowScan CloudStation comes as an all-integrated solution.

- User-friendly graphical interface
- Automatic or custom strip selection
- Process and export in LAS format
- Advanced visualization tools
- Project settings: coordinate system, LiDAR profile, angle range...

Technical Specifications**YellowScan CloudStation**

- Operating on Window 10
- Automatic updates
- Offline license mode
- Optional extra license seats

Additional Components: (included with Trinity F90+)

PPK:

Allows you to reduce typical GNSS geotagging errors of several meter down to 2-5 cm via auxiliary GNSS data collection in flight.

Anti-Collision-Lights

Our Trinity F90+ UAV has integrated flashing anti-collision strobe and position lights.

Live-Air-Traffic

It is possible to automatically integrate the Live-Air-Traffic-Info Into QBase when ping USB in connected.

pingUSB is the world's smallest, lightest USB dual-band ASD-receiver. PingUSB provides high-quality tracking data for use with software such as Virtual Radar Server and services including ADS-B Exchange.

iBase

iBas is reference GNSS station, it allows for the relative (and at externally geo--referenced points absolute) geotagging precision of aforementioned PPK quality via logging the GNSS reference measurements on the ground to later use them in QBase flight data post-processing.

Software:

QBase- Ground Control Station Mission Planning software, runs on any Windows PC/Laptop for:

- Corridor Planning
- Live-Air-Traffic
- Resume Mission.

Remote Controller (RC)

One Battery Pack + Battery Charger

Light Wight Transport Case

Warranty (1 Year)

Technical Support)

Port Processing Software- None