

# BID DOCUMENT

## (RFP)

NAME of Work:

**Supply installation and proper functioning of Drone for CS Department “Under GIS/AKAH Project” KIU Main Campus Gilgit.**



OPENING DATE : May 05, 2026  
OPENING TIME : 11:30 am  
VENUE : University Conference Hall

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Karakoram International University

University Road, Gilgit

Website: [www.kiu.edu.pk](http://www.kiu.edu.pk)

Email: [zahid.ali@kiu.edu.pk](mailto:zahid.ali@kiu.edu.pk)

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## **1.0 Definitions:**

- 1.1 KIU: Karakoram International University
- 1.2 RFP: Request for Proposal
- 1.3 BOQ: Bill of Quantities
- 1.4 EOF: End of file
- 1.5 S/I: Supply and Installation
- 1.6 Items: Drone
- 1.7 Warranty/services of items/parts: All hardware, support, repair, replacement, backups etc. and services of all items including its installation, configuration, updates, upgrades, and principal online support.
- 1.8 Bidder: The participant firm who has submitted the proposal
- 1.9 Selected bidder: Bidder selected for award of tender for a particular work

## **2.0 Scope of Work:**

Following requirements define the scope of work of this tender:

- 2.1 The Selected Bidder will be responsible for the supply and installation of supplied items and components at KIU Main Campus as per requirements of KIU.
- 2.2 Selected Bidder must ensure that the supplied equipment is operational, new, perform properly, and meet RFP's Technical Specification mentioned in BOQ and it is not going to be EOF & End of support for next five years. And equipment part remains available with the vendor for said period.
- 2.3 The selected bidder shall be responsible for the provisioning of extended warranties and service.
- 2.4 The selected bidder will be responsible to respond to events on urgent basis as per SLA mention in this RFP.
- 2.5 Selected bidder shall be responsible for minimum one year of Services.

## **3.0 Bids Requirements**

- 3.1 The objective of bids requirements is to provide bidders with the information to submit their bid in response of RFP. Bidders must follow requirements for their proposals/bids:or this tender, the **Single Stage – Two-step Bidding Procedure** as prescribed under Rule 36(b) of the Public Procurement Regulatory Authority Rules shall be adopted for open competitive bidding.

**3.2 Online bids are hereby invited through the E-Pak Acquisition and Disposal System (EPADS) in accordance with the rules and procedures of the Public Procurement Regulatory Authority.**

3.3 The bid shall not be considered without earnest money.

3.4 Technical proposals shall contain Company profile, Location of branch offices, Company experience in related field, Technical staff details, Project Completed, major Client list, Technical specifications (brochures, etc.) of quoted hardware, equipment & material with their make and Authorization & relationship with principal firms.

#### **4.0 Selection procedure**

4.1 A two-step process (Technical and Financial) will be used for the selection of a bidder for the award of this tender.

4.2 KIU's intent in issuing this Tender Document is to award a contract to the lowest evaluated and best responsive bidder who meets specifications as laid out in the BOQ and who fulfill all Mandatory Requirements mentioned in General Terms and Conditions. If any of the requirements or equipment specifications is not met by the bidder, the bid will be considered as non-responsive and will not be considered for financial evaluations.

#### **5.0 Minimum requirements for Service Level Agreements(SLA)**

Following requirements for SLA applicable for this RFP:

5.1 The selected Bidder shall provide one year warranty/services/hardware parts replacement and software support. The bidder shall ensure that all equipment (items) and its parts are new and free from any sort of defects.

5.2 The backup of an item and any of its parts with same specifications shall be provided within 24 hours and replacement shall be provided within 72 hours.

5.3 Any cause of delay in response and rectification of fault will lead to financial penalties to the selected bidder and details of penalties will be incorporated in SLA.

#### **6.0 Terms of payment**

6.1 Ninety percent (90%) of the contract amount will be paid after successful completion of work subject to certification of University Technical/Inspection Committee to that effect.

6.2 Ten Percent (10%) of the payable amount against each invoice/payment will be retained as security/retention money. 10% retained money will be released after successful completion of one year warranty Services.

- 6.3 Payments shall be made through cross cheque in the Pak Rupees.
- 6.4 Taxes will be deducted at source as per government rules at the time of payment.
- 6.5 Income tax in case of local suppliers will be deducted as per rates applicable in GB and in case of suppliers from down country; income tax will be applicable as per Federal Government rates.

**7.0 Liquidated Damages**

- 7.1 liquidated damages shall be applicable as under:
  - a) A penalty of 0.01% per day up to a maximum of 10% of contract cost can be imposed for delays in supply.
  - b) In case of failure in supply of items, the Security earnest money shall be forfeited and the supplier will be blacklisted as per PPRA rules

**8.0 Requirements**

S#	Mandatory Requirements
1.	Authorization from distributor(Tender specific/Latest for the year 25/2026)
2.	The bidder must have relevant experience in the installation, commissioning, and operationalization of Drone systems, supported by documentary evidence.
3.	Technical Compliance as listed in BOQ

**9.0 Terms and Conditions of Successful bidder**

- 9.1 All the material required for work completion other than explicitly mentioned in the BOQ of this RFP will be the responsibility of the successful bidder.
- 9.2 Successful bidder is responsible to supply and installation of Drone at main campus according to BoQ.
- 9.3 The supplier is bound to deliver each item at the main campus at his own cost and risk.
- 9.4 University’s inspection committee will provide clearance certificate for supplied items and reject the equipment, if not found according to the accepted specifications.
- 9.5 The University reserves the right to claim compensation for the losses caused by delay in the delivery of equipment.
- 9.6 The Selected bidder will arrange for the return of all erroneously ordered or shipped items at no cost to the University.
- 9.7 Additional terms and conditions may be added to the work orders/ agreements by KIU.

**10.0 General terms and conditions:**

The following General terms and conditions apply to all categories of this RFP:

- 10.1 A bank draft/pay order of earnest money **Rs. 50,000/-** from any scheduled bank in favor of Karakoram International University should accompany the tender as earnest money.

The tender without earnest money or less than Rs. 50,000/- will be considered as void tender and is liable to be rejected.

**10.2 The technical bids must be accompanied with Rs. 50,000/- as earnest money deposited as CDR/Pay order from a schedule bank, & must reach at the office of the Assistant Director Purchase KIU before opening of tender date and time.**

10.3 The earnest money in shape of cheque will not be accepted and bid will be canceled.

10.4 If there is a discrepancy between unit price and total price in the submitted bid which is obtained by multiplying the unit price and quantity, the unit price shall prevail and total price shall be corrected. If there is a discrepancy between the words and figures, the amount in words shall prevail. If there is a mistake in addition/ totaling, that shall be corrected. If the bidder does not accept the corrected amount of bid, his bid shall be rejected and his bid security forfeited.

**10.5 Technical bids supported with technical catalogs will be opened on May 05, 2026 11:30 am at University Conference Room.**

10.6 Incomplete and conditional tenders will not be entertained.

**10.7 The earnest money Rs. 50,000/- of the successful bidder shall be deposited in security deposit account of KIU after supply of items as mentioned in BOQ and will be adjusted in final bill of the supplier.**

10.8 The university reserves the rights to reject all or any of the bids as per clause 33 of the Public Procurement Rules, 2004

10.9 Validity period of the bids shall be 90 days.

10.10 The decision of the University shall be binding on all concerned and will in no case be challenge able at any forum or any court of law.

10.11 Bids are liable to be rejected, if they are not in line with the terms, conditions and specifications stipulated in this RFP.

10.12 During the examination, evaluation and comparison of bids the KIU, at its sole discretion, may ask the bidder for clarification of its bid.

10.13 The request for clarification and response shall be in writing/email and no change in price or substance of the bid shall be sought, offered or permitted.

10.14 Delivery time for all items is four (4) weeks to six (6) weeks after receipt of supply order.

10.15 Bids submitted via email or fax will not be entertained.

10.16 The equipment will be selected against item (s)-wise lowest rate of each firm, who will stand 1<sup>st</sup> lowest for the items.

**10.17 Bidders have to quote only one option, Bids having more than one option will be treated as non-responsive.**

10.18 The items will be selected against item (s)-wise lowest rate of each firm, who will stand 1<sup>st</sup> lowest for the items.

## **11.0 Clarifications:**

Queries regarding this RFP shall be submitted in writing to:

Assistant Director Purchases  
Ph. 05811-960010-13(ext231)  
Email: [zahid.ali@kiu.edu.pk](mailto:zahid.ali@kiu.edu.pk)

Director IT  
Ph.: 05811-960938  
[director.it@kiu.edu.pk](mailto:director.it@kiu.edu.pk)

Treasurer  
Ph.: 05811-960036  
[treasurer@kiu.edu.pk](mailto:treasurer@kiu.edu.pk)

**I have read and accept all the terms and conditions. (To be filled by bidder)**

Bidder Name: \_\_\_\_\_

CNIC No \_\_\_\_\_

Designation: \_\_\_\_\_

Signature: \_\_\_\_\_

## BILL OF QUANTITIES

### Supply installation and proper functioning of Drone CS Department at KIU Main Campus Gilgit.

S#	Item	Specifications	Qty.
1.	Drone	<p style="text-align: center;"><b><u>Drone Specs</u></b></p> <p><b>Aircraft</b></p> <ul style="list-style-type: none"> <li>• Net Weight (with propellers and RTK module) <sup>[1]</sup></li> <li>• 951 g</li> <li>• Max Takeoff Weight</li> <li>• 1,050 g</li> <li>• Dimensions (Folded/Unfolded)</li> <li>• Folded (without propellers): 223×96.3×122.2 mm (Length×Width×Height)</li> <li>• Unfolded (without propellers): 347.5×283×139.6 mm (Length×Width×Height)</li> <li>• Diagonal Length</li> <li>• Diagonal: 380.1 mm</li> <li>• Max Ascent Speed</li> <li>• 6 m/s (Normal Mode)</li> <li>• 8 m/s (Sport Mode)</li> <li>• Max Descent Speed</li> <li>• 6 m/s (Normal Mode)</li> <li>• 6 m/s (Sport Mode)</li> <li>• Max Flight Speed (at sea level, no wind)</li> <li>• 15 m/s (Normal Mode)</li> <li>• Flying forward: 21 m/s, flying sideways: 20 m/s, flying backwards: 19 m/s (Sport mode) <sup>[2]</sup></li> <li>• Max Wind Speed Resistance</li> <li>• 12 m/s <sup>[3]</sup></li> <li>• Max Take-off Altitude Above Sea Level</li> <li>• 6000 m (without a payload)</li> <li>• Max Flight Time (without wind)</li> <li>• 43 minutes <sup>[4]</sup></li> <li>• Max Hover Time (without wind)</li> <li>• 37 minutes <sup>[4]</sup></li> <li>• Max Flight Distance</li> <li>• 32 km <sup>[6]</sup></li> <li>• Max Pitch Angle</li> <li>• 30° (Normal Mode)</li> <li>• 35° (Sport Mode)</li> <li>• Max Angular Velocity</li> <li>• 200°/s</li> <li>• GNSS</li> </ul>	01

		<ul style="list-style-type: none"> <li>• GPS + Galileo + BeiDou + GLONASS (GLONASS is supported only when RTK module is enabled)</li> <li>• Hovering Accuracy Range</li> <li>• Vertical: <math>\pm 0.1</math> m (Vision Positioning enabled); <math>\pm 0.5</math> m (GNSS Positioning enabled); <math>\pm 0.1</math> m (D-RTK enabled)</li> <li>• Horizontal: <math>\pm 0.3</math> m (Vision Positioning enabled); <math>\pm 0.5</math> m (HD Positioning enabled); <math>\pm 0.1</math> m (RTK enabled)</li> <li>• Operating Temperature</li> <li>• <math>-10^{\circ}</math> to <math>40^{\circ}</math> C (<math>14^{\circ}</math> to <math>104^{\circ}</math> F)</li> <li>• Internal Storage</li> <li>• N/A</li> <li>• Motor Model Number</li> <li>• 2008</li> <li>• Propeller Model Number</li> <li>• 9453F Enterprise Edition</li> <li>• Light Sensor</li> <li>• Built-in module</li> </ul> <p><b>RGB Camera</b></p> <ul style="list-style-type: none"> <li>• Image Sensor</li> <li>• 4/3 CMOS</li> <li>• Effective Pixels: 20 MP</li> <li>• Lens</li> <li>• FOV: <math>84^{\circ}</math></li> <li>• Equivalent focal length: 24 mm</li> <li>• Aperture: f/2.8 to f/11</li> <li>• Focus: 1 m to <math>\infty</math></li> <li>• ISO Range</li> <li>• 100-6400</li> <li>• Shutter speed</li> <li>• Electronic shutter: 8-1/8000 s</li> <li>• Mechanical shutter: 8-1/2000 s</li> <li>• Max Image Size</li> <li>• 5280<math>\times</math>3956</li> <li>• Photo Shooting Mode</li> <li>• Single shot: 20 MP</li> <li>• Timed: 20 MP</li> <li>• JPEG: 0.7/1/2/3/5/7/10/15/20/30/60 s</li> <li>• JPEG + RAW: 3/5/7/10/15/20/30/60 s</li> <li>• Panorama: 20 MP (original material)</li> <li>• Video Resolution</li> <li>• H.264:</li> <li>• 4K: 3840<math>\times</math>2160@30fps</li> <li>• FHD: 1920<math>\times</math>1080@30fps</li> <li>• Max Video Bitrate</li> <li>• 4K: 130Mbps</li> <li>• FHD: 70Mbps</li> <li>• Supported File System</li> <li>• exFAT</li> <li>• Image Format</li> </ul>	
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		<ul style="list-style-type: none"> <li>• JPEG/DNG (RAW)</li> <li>• Video Format</li> <li>• MP4 (MPEG-4 AVC/H.264)</li> </ul> <p><b>Multispectral Camera</b></p> <ul style="list-style-type: none"> <li>• Image Sensor</li> <li>• 1/2.8-inch CMOS, effective pixels: 5 MP</li> <li>• Lens</li> <li>• FOV: 73.91° (61.2° x 48.10°) Equivalent focal length: 25 mm Aperture: f/2.0 Focus: Fixed Focus</li> <li>• Multispectral Camera Band</li> <li>• Green (G): 560 ± 16 nm; Red (R): 650 ± 16 nm; Red Edge (RE): 730 ± 16 nm; Near infrared (NIR): 860 ± 26 nm;</li> <li>• Gain Range</li> <li>• 1x-32x</li> <li>• Shutter Speed</li> <li>• Electronic Shutter: 1/30~1/12800 s</li> <li>• Max Image Size</li> <li>• 2592×1944</li> <li>• Image Format</li> <li>• TIFF</li> <li>• Video Format</li> <li>• MP4 (MPEG-4 AVC/H.264)</li> <li>• Photo Shooting Mode</li> <li>• Single shot: 5 MP Timelapse: 5 MP TIFF: 2/3/5/7/10/15/20/30/60 s</li> <li>• Video Resolution</li> <li>• H.264 FHD: 1920 x 1080@30fps Video content: NDVI/GNDVI/NDRE</li> <li>• Max Video Bitrate</li> <li>• Stream: 60 Mbps</li> </ul> <p><b>Gimbal</b></p> <ul style="list-style-type: none"> <li>• Stabilization System</li> <li>• 3-axis mechanical gimbal (tilt, roll, pan)</li> <li>• Mechanical Range</li> <li>• Tilt: -135° to 45° Roll: -45° to 45° Pan: -27° to 27°</li> <li>• Controllable Range</li> <li>• Tilt: -90° to 35° Pan: Uncontrollable</li> <li>• Max Control Speed (tilt)</li> <li>• 100°/s</li> <li>• Angular Vibration Range</li> </ul>	
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		<ul style="list-style-type: none"> <li>• <math>\pm 0.007^\circ</math></li> </ul> <p><b>Sensing System</b></p> <ul style="list-style-type: none"> <li>• Sensing System Type</li> <li>• Omnidirectional binocular vision system, with an infrared sensor at the bottom of the aircraft</li> <li>• Forward <ul style="list-style-type: none"> <li>• Distance Measuring Range: 0.5 m to 20 m</li> <li>• Detection Range: 0.5 m to 200 m</li> <li>• Effective Obstacle Avoidance Speed: Flight Speed <math>\leq 15</math> m/s</li> <li>• FOV: Horizontal <math>90^\circ</math>, vertical <math>103^\circ</math></li> </ul> </li> <li>• Backward <ul style="list-style-type: none"> <li>• Distance Measuring Range: 0.5 m to 16 m</li> <li>• Effective Obstacle Avoidance Speed: Flight speed <math>\leq 12</math> m/s</li> <li>• FOV: Horizontal <math>90^\circ</math>, vertical <math>103^\circ</math></li> </ul> </li> <li>• Lateral <ul style="list-style-type: none"> <li>• Distance Measuring Range: 0.5 m to 25 m</li> <li>• Effective Obstacle Avoidance Speed: Flight speed <math>\leq 15</math> m/s</li> <li>• FOV: Horizontal <math>90^\circ</math>, vertical <math>85^\circ</math></li> </ul> </li> <li>• Upward <ul style="list-style-type: none"> <li>• Distance Measuring Range: 0.2 m to 10 m</li> <li>• Effective Obstacle Avoidance Speed: Flight Speed <math>\leq 6</math> m/s</li> <li>• FOV: Front and rear <math>100^\circ</math>, left and right <math>90^\circ</math></li> </ul> </li> <li>• Downward <ul style="list-style-type: none"> <li>• Distance Measuring Range: 0.3 m to 18 m</li> <li>• Effective Obstacle Avoidance Speed: Flight speed <math>\leq 6</math> m/s</li> <li>• FOV: Front and rear <math>130^\circ</math>, left and right <math>160^\circ</math></li> </ul> </li> <li>• Operating Environment</li> <li>• Front, Rear, Left, Right, Above: Surfaces with clear patterns and adequate lighting (<math>&gt; 15</math> lux, environments with normal indoor fluorescent light exposure)</li> <li>• Below: Surfaces with diffuse reflection material and a reflectivity of <math>&gt;20\%</math> (such as walls, trees, people, etc.); Adequate lighting (<math>&gt;15</math> lux, environments with normal indoor fluorescent light exposure)</li> </ul> <p><b>Video Transmission</b></p> <ul style="list-style-type: none"> <li>• Video Transmission System</li> <li>• DJI O3 Image Transmission Industry Edition</li> <li>• Live View Quality</li> <li>• Remote Controller: 1080p/30fps</li> <li>• Operating Band <sup>[7]</sup></li> <li>• 2.400-2.4835 GHz</li> <li>• 5.725-5.850 GHz</li> <li>• Max Effective Signal Distance (Unobstructed, No interference) <sup>[8]</sup></li> <li>• FCC: 15 km</li> <li>• CE: 8 km</li> <li>• SRRC: 8 km</li> <li>• MIC: 8 km</li> <li>• Max Transmission Distance (Obstructed) <sup>[9]</sup></li> </ul>	
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		<ul style="list-style-type: none"> <li>• 2.400-2.4835 GHz</li> <li>• Bluetooth Transmitter Power (EIRP)</li> <li>• &lt;10 dBm</li> <li>• Screen Resolution</li> <li>• 1920×1080</li> <li>• Screen Size</li> <li>• 5.5 inches</li> <li>• Screen Frame Rate</li> <li>• 60 fps</li> <li>• Screen Brightness</li> <li>• 1,000 nits</li> <li>• Touch-Screen</li> <li>• 10-point multi-touch</li> <li>• Battery</li> <li>• Lithium-ion battery (5000 mAh, 7.2 V)</li> <li>• Charging Type</li> <li>• 100W Battery Charging Hub or USB charger with 12V or 15V specifications is recommended</li> <li>• Rated Power</li> <li>• 12 Watts</li> <li>• Storage Capacity</li> <li>• Internal Memory (ROM): 64 GB</li> <li>• Supports microSD card usage to increase storage capacity</li> <li>• Charging Time</li> <li>• Approx. 1.5 hours (measured when only using the 100W Battery Charging Hub to charge the remote control, or when using a 15V USB charger)</li> <li>• Approximately 2 hours (measured using a 12V USB charger)</li> <li>• Approximately 2 hours and 50 minutes (measured using the 100W Battery Charging Hub to charge the aircraft and remote control at the same time)</li> <li>• Operating Time</li> <li>• Approx. 3 hours</li> <li>• Video Output Port</li> <li>• Mini-HDMI Port</li> <li>• Operating Temperature</li> <li>• -10° to 40° C (14° to 104° F)</li> <li>• Storage Temperature Range</li> <li>• &lt;1 month: -30° to 60° C (-22° to 140° F)</li> <li>• One to three months: -30° to 45° C (-22° to 113° F)</li> <li>• Three to six months: -30° to 35° C (-22° to 95° F)</li> <li>• More than six months: -30° to 25° C (-22° to 77° F)</li> <li>• Charging Temperature</li> <li>• 5° to 40° C (41° to 104° F)</li> <li>• Supported DJI Aircraft <sup>[10]</sup></li> <li>• DJI Mavic 3E</li> <li>• DJI Mavic 3T</li> <li>• DJI Mavic 3M</li> </ul>	
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		<ul style="list-style-type: none"> <li>• GNSS</li> <li>• GPS + Galileo + GLONASS</li> <li>• Dimensions</li> <li>• Antenna is folded and no control sticks are installed: 183.27×137.41×47.6 mm (Length×Width×Height)</li> <li>• Antenna unfolded and control sticks are installed: 183.27×203.35×59.84 mm (Length×Width×Height)</li> <li>• Weight</li> <li>• Approx. 680 g</li> <li>• Model Number</li> <li>• RM510B</li> </ul> <p><b>Storage</b></p> <ul style="list-style-type: none"> <li>• Supported microSD Cards</li> <li>• Aircraft: Please use a memory card with a speed rating of V30 or higher, or use a memory card from the recommended list</li> <li>• Recommended microSD Cards</li> <li>• Remote Controller: <ul style="list-style-type: none"> <li>SanDisk Extreme PRO 64GB V30 A2 microSDXC</li> <li>SanDisk High Endurance 64GB V30 microSDXC</li> <li>SanDisk Extreme 128GB V30 A2 microSDXC</li> <li>SanDisk Extreme 256GB V30 A2 microSDXC</li> <li>SanDisk Extreme 512GB V30 A2 microSDXC</li> <li>Lexar 667x 64GB V30 A2 microSDXC</li> <li>Lexar High-Endurance 64GB V30 microSDXC</li> <li>Lexar High-Endurance 128GB V30 microSDXC</li> <li>Lexar 667x 256GB V30 A2 microSDXC</li> <li>Lexar 512GB V30 A2 microSDXC</li> <li>Samsung EVO Plus 64GB V30 microSDXC</li> <li>Samsung EVO Plus 128GB V30 microSDXC</li> <li>Samsung EVO Plus 256GB V30 microSDXC</li> <li>Samsung EVO Plus 512GB V30 microSDXC</li> <li>Kingston Canvas Go! Plus 128GB V30 A2 microSDXC</li> <li>Kingston Canvas React Plus 128GB V90 A1 microSDXC</li> </ul> </li> </ul> <p>Aircraft:</p> <ul style="list-style-type: none"> <li>SanDisk Extreme 32GB V30 A1 microSDHC</li> <li>SanDisk Extreme PRO 32GB V30 A1 microSDHC</li> <li>SanDisk Extreme 512GB V30 A2 microSDXC</li> <li>Lexar 1066x 64GB V30 A2 microSDXC</li> <li>Kingston Canvas Go! Plus 64GB V30 A2 microSDXC</li> <li>Kingston Canvas React Plus 64GB V90 A1 microSDXC</li> <li>Kingston Canvas Go! Plus 128GB V30 A2 microSDXC</li> <li>Kingston Canvas React Plus 128GB V90 A1 microSDXC</li> <li>Kingston Canvas React Plus 256GB V90 A2 microSDXC</li> <li>Samsung PRO Plus 256GB V30 A2 microSDXC</li> </ul> <p><b>Battery</b></p> <ul style="list-style-type: none"> <li>• Capacity</li> <li>• 5000 mAh</li> </ul>	
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		<ul style="list-style-type: none"> <li>• Standard Voltage</li> <li>• 15.4 V</li> <li>• Max Charging Voltage</li> <li>• 17.6 V</li> <li>• Battery Type</li> <li>• LiPo 4S</li> <li>• Chemical System</li> <li>• Lithium Cobalt</li> <li>• Energy</li> <li>• 77 watt-hours</li> <li>• Weight</li> <li>• 335.5 g</li> <li>• Charging Temperature</li> <li>• 5° to 40° C (41° to 104° F)</li> </ul> <p><b>Battery Charger</b></p> <ul style="list-style-type: none"> <li>• Input</li> <li>• 100V to 240V (AC), 50Hz to 60Hz, 2.5A</li> <li>• Output Power</li> <li>• 100 Watts</li> <li>• Output</li> <li>• Maximum output power of 100 Watts (total)</li> </ul> <p>When both the ports are used, the maximum output power of one interface is 82 W, and the charger will dynamically allocate the output power of the two interfaces according to load power.</p> <p><b>Charging Hub</b></p> <ul style="list-style-type: none"> <li>• Input</li> <li>• USB-C: 5V to 20V, 5.0A</li> <li>• Output</li> <li>• Battery Port: 12V to 17.6V, 8.0A</li> <li>• Rated Power</li> <li>• 100 Watts</li> <li>• Charging Type</li> <li>• 3 batteries on charging rotation</li> <li>• Charging Temperature</li> <li>• 5° to 40° C (41° to 104° F)</li> </ul> <p><b>RTK Module</b></p> <ul style="list-style-type: none"> <li>• Dimensions</li> <li>• 50.2×40.2×66.2 mm (Length×Width×Height)</li> <li>• Weight</li> <li>• 24±2 g</li> <li>• Interface</li> <li>• USB-C</li> <li>• Power</li> <li>• Approximately 1.2 watts</li> <li>• RTK Position Accuracy</li> <li>• Fixed RTK:</li> </ul> <p>Horizontal: 1 cm + 1 ppm; Vertical: 1.5 cm + 1 ppm</p>	
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Assistant Director Purchases

Director IT

Treasurer