

**Black Swift Technologies LLC**

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## Estimate

**ADDRESS**

Assoc Prof Jonathan Kingslake  
Lamont-Doherty Earth  
Observatory of Columbia  
University  
91 Rt. 9W  
Palisades, NY 10964-8000  
United States

**SHIP TO**

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**ESTIMATE # 1289****DATE 05/19/2023****EXPIRATION DATE 08/19/2023**

ACTIVITY	ACTIVITY	QTY	RATE	AMOUNT
<b>Flight Systems:S2 UAS Flight System</b>	Includes S2 UAS airframe, avionics package consisting of SwiftCore™ Flight Management System (includes SwiftTab™ user interface installed on an Android®-based Control Tablet, Futaba 14SG Handset, and SwiftStation™ RTK enabled Ground Control Unit), toolkit, tripod, battery, charger, and hard shipping/storage case. Manufacturer's defects covered for 12 months. Flight Management System software warranted for two years from date of purchase (upgrades at no cost).	1	44,619.00	44,619.00T
<b>Airframe:Black Swift Technologies S2:S2 Pneumatic Launcher</b>	Pneumatic launcher for the S2 UAS, includes launch rail, pneumatic box and control system. Comes with shipping case.	1	19,575.00	19,575.00T
<b>Payloads:S2 Photogrammetry Package</b>	Photogrammetry payload containing 24 MP RGB camera.	1	15,085.00	15,085.00T
<b>Airframe:Black Swift Technologies S2:Spare Parts:Spare Battery</b>	S2 6S 14000 mAh 18650 battery pack with quick release case.	3	984.00	2,952.00T
<b>Services:Flight Operations:Operator</b>	Two days of training and familiarization with SwiftCore FMS,	1	3,000.00	3,000.00T

