

15 September 2025



JOE MOROLONG
LOCAL MUNICIPALITY

Quotation Name: Supply and delivery 2 Drone for municipal mapping and surveying and the software thereof

Quotation No : Q 03, 15/09/2025

Joe Morolong Local Municipality invites interested registered service providers to quote for the above:

Quotations Closing

Date: 24 September 2025

Time: 09:00

Venue: Joe Morolong Local Municipality Office –Tender Box

Street Address: Churchill Village, D320 Cardington Road

Find attached specification:

Documents Required:

- MBD Forms (1, 4, 8, & 9) for all Directors
- Registered with Joe Morolong Supplier Vendor Database
- Registered with CSD (Quote CSD Number)
- Proof of rates & taxes from relevant authority for the preferred address listed on CSD & CIPC (not older than 3 Months)
- Proof of rates & taxes of all directors for all the addresses listed on CSD & CIPC (not older than 3 Months)
- Valid South African Revenue Services (SARS) Tax Pin
- Clearly state your delivery time after receipt of an official order

***Failure to submit any of the above-mentioned documents, will result in the quotation being non-responsive.**

Contact Person

Mrs L Mulaudzi 053 773 9339\ 082 8658 745

The quotation and supporting documentation must be enclosed in an envelope clearly endorsed with quotation name, number and must be deposited into the Tender Box, not later than the prescribed time and date. The quotation will be evaluated in accordance with the Joe Morolong Local Municipality's Supply Chain Management policy, preferential Procurement Policy Framework Act No 5 of 2000 and the preferential procurement regulations, 2022. Using the 80/20 points system where the 20 points will be allocated to a specific goal of the municipality (locality). Validity period of this quotations 30 Days.

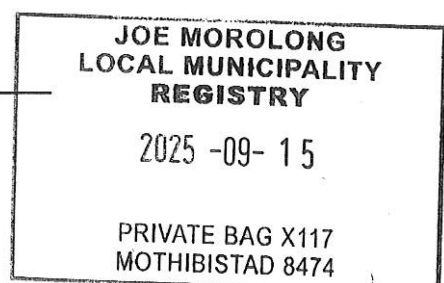
NOTE: Emailed, Faxed or late quotation submissions will not be accepted. Please note that only vendors that are currently registered in the Joe Morolong Local municipality Data Base and CSD can submit quotations for this advert.


Ms M. Mokubung

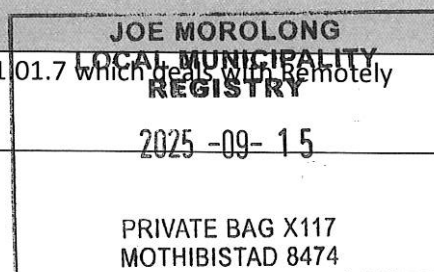
Acting Chief Financial Officer


Mrs B.D Motlhaping

Municipal Manager



Drones' specifications	
Drone 1	Drone 2
RC Remote included	RC Remote Included
Hasselblad Camera: 4/3 CMOS, Effective Pixels: 48 MP	20MP 5.1K Wide-Angle 4/3 CMOS Hasselblad
Medium Tele Camera: 1/1.3" CMOS, Effective Pixels: 12 MP 4K Slow Motion at 120 fps	4K Slow Motion at 120 fps
10-Bit HLG/D-Log M Colour Profile & HNCS	10-Bit D-Log Colour Profile & HNCS
f/2.8 to f/11 Adjustable Aperture	f/2.8 to f/11 Adjustable Aperture
Omnidirectional Obstacle Avoidance with infrared sensor	Omnidirectional Obstacle Avoidance
Advanced Return-to-Home Function	Advanced Return-to-Home Function
Automated Shooting Modes	Automated Shooting Modes
Up to 43 Minutes of Flight Time	Up to 46 Minutes of Flight Time
Software specification	
<p>Must be mapping and surveying compatible software.</p> <p>Software for the drone is necessary in order to use to fly between waypoints when collecting and extracting data.</p> <p>Compatible software should offer features like waypoint mission planning, terrain-following, support for RTK data, and the ability to export data in common geospatial formats. A table format with a comprehensive list is on the next page.</p>	
Conditions of sale	
According to the SACAA's Civil Aviation Regulations (CARS) Part 101.7 which deals with Remotely Piloted Aircraft Systems (drones)	



(1) A UA shall not be sold within the Republic unless a seller has, by way of a packaging label, notified a buyer of the requirements as prescribed in Document SA-CATS 101.

(2) Notwithstanding the provisions of subregulation (1), in case of resale, a reseller may use written notification in lieu of a packaging label.

Moreover, the SACAA's Civil Aviation Technical Standards (CATS) Part 101.01.7 states:

For all other use –

(a) a UA must first be approved by the Authority for use by way of a UA Letter of Authority (UASLA);

(b) a UAs must be registered by the Authority prior to use; and

(c) a UA may only be operated in terms of Part 101 of the South African Civil Aviation Regulations which includes specific requirements that the operator shall hold an RPC.

Ultimately, Part 101.02.4(1) of the Civil Aviation Regulations specifies that no unmanned aircraft shall be operated in South Africa unless it has been issued with a certificate of registration by the Director of the SACAA.

Software Feature	Specification	Notes
Flight Planning & Control	Waypoint navigation, area mapping, linear flight paths, terrain following, customizable scan patterns	Enables efficient and precise data capture
Data Acquisition	Support for drone sensors (visual, thermal, multispectral), RTK module, LiDAR payload	Allows for diverse data collection based on the mission
2D & 3D Modelling	Photogrammetry, point cloud processing, orthomosaic generation, digital elevation model (DEM) creation	Enables the creation of detailed representations of the surveyed area
Data Processing & Analysis	Point cloud editing, feature extraction, volume measurement, change detection	Provides tools for extracting valuable insights from the collected data

JOE MOROLONG
LOCAL MUNICIPALITY
REGISTRY

2025 -09- 15

PRIVATE BAG X117
MOTHIBISTAD 8474

Cloud Integration & Collaboration	Cloud-based storage, data sharing, real-time annotation, remote collaboration, ground-to-cloud synergy	Facilitates efficient collaboration and data management
Reporting & Visualization	Interactive 2D and 3D model viewing, report generation, customizable dashboards	Allows for clear communication of results to stakeholders
Compatibility	Compatible with DJI's RTK module, and other relevant sensors/payloads	Ensures optimal performance and data accuracy
User Interface	Intuitive interface with clear navigation, easy access to controls, and detailed flight information	Enhances user experience and efficiency
Additional Features	Real-time mapping, live annotations, inspection route planning, and support for various route types	Provides additional functionalities for specific applications



*The quotation and supporting documentation must be enclosed in an envelope clearly endorsed with quotation name, number and must be deposited in the tender box situated at the Municipality's reception area , not later than the stated time and date.