



***Request for Quotation (RFQ) for the supply of payload dropper drone to the CSIR Pretoria Campus.***

**RFQ No 5809/04/03/2022**

Date of issue:	Friday, 18 February 2022
Closing Date and Time:	Friday, 04 March 2022 at 16h30
Tender submission:	<p>For submission of quotations or any other enquiries:  <a href="mailto:tender@csir.co.za">tender@csir.co.za</a></p> <p>Mail size is limited to 25MB, if the document exceeds this limit please send multiple mails.</p> <p>Cloud submissions will not be accepted</p>
Category:	Engineering

**1 INVITATION FOR QUOTATION**

Quotations are hereby invited for the supply of one (1) payload dropper drone to the CSIR.

**2 QUOTATION REQUIREMENTS**

Drone type	Quadcopter ( Multirotor)
Maximum Take-off Weight	<150Kg
Flight Controller	Pixhawk 4
Pay load weight	>=1Kg
Flight Time with Payload	20 Minutes
RC Controller Range	>=5KM
Maximum Speed	>=60KM
Maximum Wind resistance	>=30Km/h
Video Transmitter/receiver range	More than 2KM

Battery Type	Lithium Polymer
Remote Controller Frequency	900Mhz / 2.4 GHz / 5.8 GHz
Ground control station	Herelink
Batteries	15.2V 8000mAh Li 15C
Battery charger	1X Lipo/Lilo Charger
Spare Propellers	1 set
Payload	Payload dropping mechanism (Fail safe electromechanical, RC operated
Flight controller software	Opensource
Onboard camera	Gimbal with Fully HD Resolution
Built-in autonomy and functions	GPS Mode, Atti Mode, Return to Home function, fail safes, Unpiloted hoover
Spare propellers	X1 Set
Spare battery	X 1

Additional requirement

Delivery to be made 10 days after receipt of purchase order.

### 3 EVALUATION CRITERIA

- 3.1 Selection of suppliers will be based on the 80/20 preference point system.
- 3.2 Provide a certified copy of a valid B-BBEE Certificate, or valid sworn affidavit indicating the B-BBEE Status level. B-BBEE certificate must be issued by SANAS accredited agency or a valid sworn affidavit in line with DTI regulations. (RSA suppliers only). No B-BBEE status will equal zero
- 3.3 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use [www.csd.gov.za](http://www.csd.gov.za) to register.
- 3.4 No order will be issued or no contract will be signed without a valid CSD number.

### 4 ELIMINATION CRITERIA

- Full compliance to the technical requirements as listed in the scope of work;
- Submission after the deadline;
- Submission at wrong location, submit to [tender@csir.co.za](mailto:tender@csir.co.za);
- Suppliers on National Treasury list of restricted suppliers.

## **5 PRICING QUOTATION**

- 5.1 Price needs to be provided in South African Rand (excl. VAT), with details on price elements that are subject to escalation and exchange rate fluctuations clearly indicated.
- 5.2 Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.
- 5.3 Payment will be according to the CSIR Payment Terms and Conditions.

## **6 OTHER TERMS AND CONDITIONS**

- 6.1 The supplier shall under no circumstances offer, promise or make any gift, payment, loan, reward, inducement, benefit or other advantage, which may be construed as being made to solicit any favour, to any CSIR employee or its representatives. Such an act shall constitute a material breach of the Agreement and the CSIR shall be entitled to terminate the Agreement forthwith, without prejudice to any of its rights.
- 6.2 A validity period of 90 days will apply to all quotations except where indicated differently on the quote.

**7 No goods and/or services should be delivered to the CSIR without an official CSIR Purchase order. CSIR purchase order number must be quoted on the invoice. Invoices without CSIR purchase order numbers will be returned to supplier.**

**8 Note: This is not a Purchase Order.**

### DECLARATION BY TENDERER

**Only tenderers who completed the declaration below will be considered for evaluation.**

**RFQ No: 5809/04/03/2022**

I hereby undertake to render services described in the attached tendering documents to CSIR in accordance with the requirements and task directives / quotation specifications stipulated in **RFQ 5809/04/03/2022** at the price/s quoted. My offer/s remains binding upon me and open for acceptance by the CSIR during the validity period indicated and calculated from the closing date of the quotation.

I confirm that I am satisfied with regards to the correctness and validity of my quotation; that the price(s) and rate(s) quoted cover all the services specified in the quotation documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.

I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this quotation as the principal liable for the due fulfilment of this quotation.

I declare that I have no participation in any collusive practices with any tenderer or any other person regarding this or any other quotation.

I accept that the CSIR may take appropriate actions, deemed necessary, should there be a conflict of interest or if this declaration proves to be false.

I confirm that I am duly authorised to sign this quotation.

NAME (PRINT) .....

CAPACITY .....

SIGNATURE .....

NAME OF FIRM .....

DATE .....

WITNESSES

1 .....

2 .....

DATE: .....