



Request for Quotation (RFQ) for the supply and Delivery of Motor Analysing and Diagnostic System to the CSIR

RFQ No: 5813/13/05/2022

Date of issue:	Tuesday, 19 April 2022
Closing Date and Time:	Friday, 13 May 2022 at 16h30
Tender submission:	For submission of quotations or enquiries: tender@csir.co.za
Last Day for Inquiries:	Monday, 09 May 2022

1 INVITATION FOR QUOTATION

Quotations are hereby requested for the supply of two (2) portable Electrical and Motor Analysis and Diagnostic System to be used in live and offline applications as per the following specifications:

2 QUOTATION REQUIREMENTS

The system must be able to test all types of electrical motors (any voltage) including AC (induction and synchronous) and DC (series, shunt, and compound), as well as transformers, generators, traction motors, machine tool servo, single-phase motors and other coil-based devices.

In addition, the system must perform and should have the Minimum Technical features:

- Data interpretation support
- Mobile and Portable instruments < 1kg
- Use Software and Instrument to identify and locate shortcomings
- CE certification on equipment

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This is not a Purchase Order.

- Meet Emmission EMC i.e EN61000-6-4
- Operating Temperature range of -10 °C – +50 °C
- I/F (current/frequency) 50% – +99% ± 1%
- Test Frequency 50- 800 Hz
- Resistance 0.01 – 999 Ω
- Inductance 1 – 999 mH
- Impedance 1 – 999 Ω
- Phase Angle 1° – 90° ± 1°
- I/F current -50% – +99% ± 1%
- Measurement for TVS range 0.01 - 10000
- Build-in data storage
- Provide for Non-invasive inspection
- Software/Instrument to enable the user to record & analyse data
- Certified Training by authorised dealer for up to 5 people. Authorised dealer warranty and support for 12 months.

3 Additional requirements

- Clearly indicate VAT charged where applicable (if not VAT registered please state so clearly).
- The offer must state if it meets 100% of the specifications, if not please list deviations.

4 Elimination criteria

- 4.1 Late submission of quotes
- 4.2 Failure to adhere to quotation specifications
- 4.3 Failure to indicate authorised dealership and/or OEM support for RSA use
- 4.4 Failure to be able to provide authorised training and 12 months warranty in RSA.
- 4.5 Submission at the wrong location or incorrect email address (Please submit electronically to tender@csir.co.za)

5 EVALUATION CRITERIA

- 5.1 Selection of suppliers will be based on the 80/20 preference point system.
- 5.2 Provide valid copy of the B-BBEE Certificate issued by an accredited verification agency and bearing a SANAS logo, or
 - Valid sworn affidavits made on dti designed templates; or
 - dti issued sworn affidavit; or
- 5.3 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use www.csd.gov.za to register.
- 5.4 No order will be issued, or no contract will be signed without a valid CSD number.

6 PRICING QUOTATION

- 6.1 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.
- 6.2 Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.
- 6.3 Payment will be according to the CSIR Payment Terms and Conditions.

7 OTHER TERMS AND CONDITIONS

- 7.1 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.
- 7.2 A validity period of 90 days will apply to all quotations except where indicated differently on the quote.

8 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.

9 Note: This is not a Purchase Order.

DECLARATION BY TENDERER

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

RFQ No:

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 RFQat 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:	