



## Request for Quotation (RFQ) for the Supply of Motor and Transformer Analysing and Diagnostic System

**RFQ No- 5968/22/11/2022**

Date of Issue	<b>08 November 2022</b>
Closing Date and Time	<b>22 November 2022 @ 16:30</b>
RFQ Number	<b>5968/22/11/2022</b>
Contact details	Submission of enquiries:  All enquiries and bid submissions must be submitted to <a href="mailto:tender@csir.co.za">tender@csir.co.za</a> . <b>(Please use the RFQ number as the subject reference)</b>
CSIR business hours	08h00 – 16h30

### 1 INVITATION FOR QUOTATION

Quotations are hereby requested for the supply of two (2) portable Motor and Transformer Analysis and Diagnostic System to be used in online 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:

- Input Voltage for online testing 1000v
- Data interpretation support
- Mobile and Portable instruments < 1kg
- Use Software and Instrument to identify and locate shortcomings
- CE certification on equipment
- 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**

- The offer must state if it meets 100% of the specifications, if not please list deviations.
- The supplier must submit quotation on their official company letterhead

### **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 – submissions must be made electronically to [tender@csir.co.za](mailto:tender@csir.co.za)
- 4.6 If the bidder is listed on the NT database of restricted suppliers.
- 4.7 If the bidder is registered on the NT Register of Tender Defaulters.
- 4.8 If the bidder did not submit a fully completed and signed SBD 1 and SBD 4 Forms

## 5 EVALUATION CRITERIA

- 5.1 Selection of suppliers will be based on the **80/20** preference point system.
- 5.2 Provide a valid copy of a B BBEE Certificate or valid affidavit. No B BBEE status will equal to zero points. B BBEE certificate must be issued by SANAS accredited agency or a valid sworn affidavit in line with DTIC regulations. (RSA suppliers only).

B BBEE Verification Agency issued Certificate can be verified on SANAS website on Verification Agency (B BBEE) under Accredited Facilities (Quick Access Links):  
<https://www.sanas.co.za/Pages/index.aspx> to check validity of the B BBEE Certificate.

- 5.3 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.
- 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) or (Incl 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: 5968/22/11/2022**

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 No. 5968/22/11/2022** 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: .....	