

**Request for Quotation (RFQ) for the supply of three (3) sets of linear resistor  
[5, 10, 20, 50 and 200 mbar /(l/s)] to the CSIR**

**RFQ No 5863/21/07/2022**

|                       |  |
|-----------------------|--|
| Date of issue         | Thursday, 07 July 2022   |
| Closing Date and Time | Thursday, 21 July 2022   |
| Contact details       | For submission of quotations or any other enquiries:<br><a href="mailto:tender@csir.co.za">tender@csir.co.za</a><br>Mail size is limited to 25MB, if the document exceeds this limit please send multiple mails.<br>Cloud submissions will not be accepted |

**1 INVITATION FOR QUOTATION**

Quotations are hereby invited for the supply of three (3) sets of linear resistor [5, 10, 20, 50 and 200 mbar /(l/s)] to the CSIR.

**2 QUOTATION REQUIREMENTS**

The Linear Resistors will be used in a Ventilator Testing Setup to check whether the ventilators are operating within the specified limits as described in the relevant ISO standards.

Specifications for the Linear Resistors:

- 1) Must be able to handle Relative Humidity : 0-95%
- 2) Must be able to work in the temperature range : 5 – 40 degrees C.
- 3) The Linear Resistors need to connect to other medical equipment using the standard 22mm connectors. These connectors must be compatible with the ISO 5356-1:2015(E) Standard for Conical Connectors
- 4) Must provide a realistic flow resistance simulating that of a patient’s pulmonary system in accordance with ISO 80601-2-12:2020(E). It must provide a realistic load for the ventilators. There should be settings for the following flow ranges: 5, 10, 20, 50 and 200 mbar /(l/s)
- 5) Minimal flow ranges should vary between 0.15 and 1 l/s (depending on the selected resistance)
- 6) Minimal flow ranges should vary between 9 and 60 l/min (depending on the selected resistance)

### **3 EVALUATION CRITERIA**

- 3.1 Selection of suppliers will be based on the 80/20 preference point system.
- 3.2 Provide valid original or certified copy of the B-BBEE Certificate issued by an accredited verification agency and bearing a SANAS logo; or
  - Valid sworn affidavits made on DTIC designed templates; or
  - DTIC issued sworn affidavit; or
  - CIPC issued B-BBEE certificate.
- 3.3 No order will be issued or no contract will be signed without a valid CSD number.

### **4 ELIMINATION CRITERIA**

- 4.1 Failure to adhere to the specification requirements of the request for quotation.
- 4.2 Submission of quotation after closing date and time
- 4.3 Submission at the incorrect email address
- 4.4 National Treasury 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:** .....

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 ..... 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 .....

|                  |       |
|------------------|-------|
| <b>WITNESSES</b> |       |
| 1                | ..... |
| 2                | ..... |
| DATE: .....      |       |