

**Request for Quotation (RFQ) for the supply and delivery of
Single Quad LCMS system to the CSIR in Pretoria**

Date of issue	Friday, 11 November 2022
Closing Date and Time	Friday, 25 November 2022 @ 16:30
RFQ Number	RFQ 9400/25/11/2022
Contact details	<p>Submission of enquiries:</p> <p>All enquiries and bids must be submitted to tender@csir.co.za</p> <p>(Please use the RFQ number as the subject reference)</p>

BACKGROUND TO THE CSIR

The Council for Scientific and Industrial Research (CSIR) was established through an Act of Parliament in 1945 and the organisation's Executive Authority is the Minister of Higher Education, Science and Innovation. The CSIR is a leading scientific and technology research organisation that researches, develops, localises and diffuses technologies to accelerate industrial development and support a capable state. Its core values are EPIC and they are the driving force behind the cutting-edge research and technological innovations conducted to improve the quality of life of South Africans.

1 INVITATION FOR QUOTATION

Quotations are hereby invited for the supply and delivery of a Single Quad LCMS system to the CSIR Pharmaceutical Technologies research group in Pretoria.

2 QUOTATION REQUIREMENTS

See full specification below:

Item	Detailed specification	Qty
1.	<p>Single quadrupole mass spectrometer</p> <ul style="list-style-type: none"> Single quadrupole system with quaternary pump 	1

	<ul style="list-style-type: none"> • Multimode source that can provide simultaneous electrospray ionization (ESI) and generate both positive and negative ions (flow rate specifications for the nebulizer up to 1000 uL/min). • The system needs to be able to analyse of a wide range of large and small, polar and nonpolar compounds (m/z 10 - 2000). • Regulator for collision gas. • Tool kit for standard operation (as appropriate). 	
2.	<p>HPLC System</p> <ul style="list-style-type: none"> • Quaternary Pump with an integrated 4-channel degassing unit, operating maximum pressure limit of 600 bar and flow range up to 10 mL/min. • Standard flow cell (10 mm path length). • Loop injection for automated compound characterisation. • Vial sampler for use up to 600 bar: <ul style="list-style-type: none"> ○ Must include 100 uL metering device, sample loop and integrated needle. ○ Must include multiple drawer options, including loop capillaries to inject up to 500 uL and 1500 uL volumes. • Integrated column compartment with a capacity for two columns, to provide column heating from 5 °C above ambient temperature up to 80 °C and including a heat exchanger that can operate at high flow rates (above 5 mL/min). • Appropriate C18 columns for reverse-phase HPLC separations (2.7 µm particle size preferable). • Diode array detector with multiple wavelength (190 to 950 nm) and full spectral detection (up to a 120 Hz sampling rate). • Tool kit for standard operation (as appropriate). 	1
3.	<p>Control computer and software</p> <ul style="list-style-type: none"> • Workstation computer/laptop hardware and printer. • Control software for Single Quad LCMS system – must fulfil all requirements to be used according to the demands of Good Laboratory Practice (GLP) and current Good Manufacturing Practice (cGMP) conditions. Certification according to European Pharmacopoeia and/or US FDA regulations. 	1
4.	<p>Nitrogen generator</p> <ul style="list-style-type: none"> • 40 L/min nitrogen generator, storage tank, regulator and fittings, to supply dry, oil-free nitrogen with a purity of at least 98.5% and an operating pressure that will allow for integration 	1

	into Single Quad LCMS system (typically 8 bar).	
5.	<i>Uninterrupted power supply system</i> <ul style="list-style-type: none"> Uninterruptible Power Supply (UPS) system able to provide a 15-20 min backup time at full load for both the Single Quad LCMS system and nitrogen generator. 	1
6.	<i>Installation, commissioning and training</i>	1
7.	<i>Maintenance</i> <ul style="list-style-type: none"> 3 year preventative maintenance plan 	1
8.	<i>Freight</i>	1
	VAT @ 15%	
	Total	

Additional Requirements:

- The supplier must submit quotation on their official company letterhead.
- The supplier must quote on all the items/services exactly as listed in the above specification.
- **Quotations are only requested from original equipment manufacturers (OEMs) or authorized distributors. The supplier must provide proof of status as an authorized distributor if not the OEM, an indication of the capacity / turnaround time for service engineer troubleshooting assistance, and certification / training records for service engineers by the OEM.**
- Delivery is to be made at CSIR Pretoria: Maximum lead time of eight weeks for delivery after placing order.

3 EVALUATION CRITERIA

3.1 Selection of suppliers will be based on the 80/20 preference point system.

3.2 Indicate valid B-BBEE status on quotation. No B-BBEE status will equal 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.

- 3.3 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use 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

- 4.1 Failure to adhere to the bid 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 – submissions must be made electronically to tender@csir.co.za
- 4.4 If the bidder is listed on the NT database of restricted suppliers.
- 4.5 If the bidder is registered on the NT Register of Tender Defaulters.
- 4.6 If the bidder did not submit a fully completed and signed SBD 1 and SBD 4 Forms

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.

The price should be firm and inclusive of costs and all services required to deliver on the required goods and/or services.

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 CSIR RESERVES THE RIGHT TO

- 6.1 Extend the closing date.
- 6.2 Verify any information contained in a submission.
- 6.3 Request documentary proof regarding any tendering issue.
- 6.4 Give preference to locally manufactured goods.
- 6.5 Appoint one or more service providers, separately or jointly (whether or not they submitted a joint proposal).
- 6.6 Award this RFQ as a whole or in part.
- 6.7 Cancel or withdraw this RFQ as a whole or in part.

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 **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

WITNESSES	
1
2
DATE:	