



**Request for Quotation (RFQ) for the supply of a Cell Disruptor / Homogenizer
to the CSIR**

RFQ No. 9185/26/09/2019

Date of issue:	Thursday, 12 September 2019
Closing Date and Time:	Thursday, 26 September 2019 at 16h30 (Late tenders will not be considered)
Submission and Contact details:	For submission of quotations or any other enquiries: Email: tender@csir.co.za (Please use RFQ No. as subject reference)

1 INVITATION FOR QUOTATION

Quotations are hereby invited for the supply of a Cell Disruptor / Homogenizer to the CSIR.

2 QUOTATION REQUIREMENTS

The supplier is required to quote on the following items as per the below tabulated Bill of Quantities (BOQ):

No.	Item Description	Unit	QTY	Rate	Amount
1.	Cell Disruptor / Homogenizer	each	1		
2.	Installation and Training	each	1		
3.	Shipping / Delivery	each	1		
4.	Warranty	each	1		
5.	2 year Operations and Maintenance (e.g. servicing of the equipment; replacement parts, etc.)	each	1		
	Sub-Total				
	VAT @ 15% (RSA suppliers only)				
	Total				

NB: The supplier is required to submit datasheets of the items they are quoting on and they must be clearly referenced on quotation

Additional quotation requirements (These must be submitted with and indicated in quote):

1. The equipment should come with a two (2) year manufacturer's warranty,
2. Installation and commissioning of equipment must be provided for and included in the quote.
3. Equipment must be supplied with installation, operation and service instructions.
4. Safety features must include a fully enclosed pressure system, protection against aerosols, and safety interlocks preventing activation if incorrectly sealed
5. Operations and Maintenance training must be provided and included in the cost. Supplier must provide certificates when training is complete (Number of personnel to be trained will not exceed 5).

6. Operations and Maintenance services must be provided for a minimum of two years after delivery and commissioning. (i.e. a separate contract may be entered into for the O&M services)
7. Lead time must be less than 31 days from date of order- please indicate lead time on quote. (A shorter lead time will be advantageous)
8. Delivery to be made to CSIR Pretoria, South Africa.

3 Specification Requirements

The Cell Disruptor must meet the following minimum specifications and features:

Item #	Description
1	Process parameters. <ul style="list-style-type: none"> • Application: Whole microbial cell disruption • Process temperature.: 0 – 5 °C • Viscosity of the fluid: 10-40 cP • Abrasiveness of the fluid: Non-abrasive • Capacity(Flow rate of the fluid),: 80-200 L/h • Variable flow rate. • All utility requirements (Pressure, temperature) to be provided. All power requirements for maximum operating conditions to be provided. • Operating pressure range: 20-40 KPSI
2	Operation. <ul style="list-style-type: none"> • Unit must accommodate variable flow and pressure • Controller for setting pressure(PLC or similar, automated control) • CIP procedure must be provided • Control philosophy to be provided
3	Equipment <ul style="list-style-type: none"> • Piston operation must be hydraulic. • Cooling water pipes must be provided with ½" fittings. • Electrical connections must be RSA standard.
4	Sample Analysis. <ul style="list-style-type: none"> • Ecoli whole cell disruption. • Sample to be provided to the supplier to process and provide results, recovery and number of passes for complete disruption prior to purchase.

Mandatory documents required / returnables:

- Current company profile clearly showing the company's core business activities.
- Design specifications of the equipment. Provision of sketches or drawings of proposed cell disruptor and provide product datasheets.
- Completed specifications compliance checklist- Annexure A

NB: *Non-submission of the above-mentioned documents as well as any deviation from the above quotation requirements and specifications may deem your submission unresponsive and may thus result in your submission not being considered for Price and BBEE evaluation.*

4 EVALUATION CRITERIA

- 4.1 Selection of suppliers will be based on the 80/20 preference point system.
- 4.2 Provide a B-BBEE Certificate, or letter of exemption indicating the B-BBEE Status level. (RSA suppliers only)
- 4.3 No B-BBEE status will equal zero points.
- 4.4 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use www.csd.gov.za to register.
- 4.5 No order will be issued or no contract will be signed without a valid CSD number.
- 4.6 Elimination Criteria:

Suppliers will be eliminated under the following conditions:

- Late submission of Quotes;
- If supplier does not quote on all items in the BOQ;
- If supplier does not submit quotation on their official company letterhead;
- Submission at wrong location or incorrect email address (***Please submit electronically to tender@csir.co.za***);
- If the supplier fails to submit any of the mandatory/returnable documents

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 complete the project.

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. The 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.

Annexure A: Supplier Compliance checklist/sheet

Section	Requirement	Comply	Not Comply
1	<u>Process Parameter</u>		
2	<u>Operation</u>		
3	<u>Equipment</u>		
4	<u>Sample Analysis</u>		