



Re-Advertisement

Request for Quotation (RFQ) for the supply of a New Electric Autoclave (Complete)

Date of issue	7 April 2017
Closing Date and Time	13 April 2017 at 16:30
RFQ Number	5219/13/04/2017
Contact details	For submission of quotations or any other enquiries: e-mail address: tender@csir.co.za

1 INVITATION FOR QUOTATION

Quotations are hereby invited for the supply of a New Electric Autoclave (Complete) for the Composites Innovation Centre (CIC) at Nelson Mandela Metropolitan University (NMMU) in Port Elizabeth

2 QUOTATION REQUIREMENTS

a. 1 x NEW ELECTRIC AUTOCLAVE (COMPLETE)

- Supply of a new electric autoclave (complete)
- 1000mm (ID) x 1200mm Parallel (length) autoclave manufactured from 430A boiler plate and with a maximum of 700Kpa working pressure, external motor mounting / motor, adjustable fan, back plate and ducting
- Manufactured in accordance with Code PD5500 CAT III of 2015
- Insulated with 40mm thick fibre glass matt and covered over with stainless steel sheet metal cladding
- Shell Paint – internal (silver) and external with Red Oxide
- Door opening right handed (*To be specified by the client during installation*)
- **5 x** 2kw heating elements – maximum operating temperature of 200°C
- Mini Autoclave panel with PLC control, touch screen, **2 x** analogue transmitters, power supplies, **2 x** solenoids, circuit breakers, shunt breaker mains, phase failure and fire probe protection

- **4 x** 6mm Vacuum Ports (*Position to be advised by the client during installation*)
- **9 x** Thermocouples
- Controller to be programmed with 4 Cycles (*To be advised by the client during installation*)
- Complete with a cooling system, control panel and vacuum pumps
- The hinged door to be fitted with a loose ring door securing device, which ensures even pressure retention and long seal life
- The Autoclave to be supplied with a “ball valve” safety device, which is interlocked with the door mechanism to vent the chamber prior to opening the door
- **1 x** Standard spare door seal
- The autoclave will be used across all sectors (Aerospace, Automotive and Boat Building)

Note:

- Delivery at Nelson Mandela Metropolitan University (NMMU) in Port Elizabeth
- Brochure (specifications) to be included with the quotation.

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.
- 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 PRICING QUOTATION

- 4.1 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.
- 4.2 Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.
- 4.3 Payment will be according to the CSIR Payment Terms and Conditions.

5 OTHER TERMS AND CONDITIONS

5.1 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.

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

6 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.

7 Note: This is not a Purchase Order.