



**Request for Quotations for the supply and installation of a Laboratory Muffle Furnace for the Composites Innovation Centre (CIC) at Tshwane University of Technology (TUT) in Pretoria**

**RFQ No: 5227/31/03/2017**

Date of Issue:	27 March 2017
Closing Date and Time:	31 March 2017 at 16:30
Contact Details:	For submission of quotations or any other enquiries: Email: <a href="mailto:tender@csir.co.za">tender@csir.co.za</a>

## 1 INVITATION FOR QUOTATION

Quotations are hereby invited for the supply and installation of a Laboratory Muffle Furnace for the Composites Innovation Centre (CIC) at Tshwane University of Technology (TUT) in Pretoria.

## 2 QUOTATION REQUIREMENTS

### a. 1 x LABORATORY MUFFLE FURNACE

- Voltage: V/hz 380/50/2P/N/earth
- Power: 5000 W
- Weight: 68 Kg
- Capacity : 30 Litre chamber volume
- Maximum continuous temperature: 1150 °C
- Maximum temperature: 1200 °C
- External dimensions WxHxD (mm): 690 x 709 x 765
- Chamber size: 310mm x 205mm x 455mm
- Independent over temperature safety system
- Electronic P.I.D temperature control with digital indication of set and process value
- Electronic control with digital indication of process and set point temperature values
- Automatic cut out on door: opening deactivates element
- Temperature sampling port: on door to simplify validation
- Type N duplex: thermocouple
- Example of furnace as follows:

**Note:**

- Brochure to be included with the quotation.
- Delivery and installation at Tshwane University of Technology (TUT) in Pretoria

**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](http://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.**