



Request for Quotation for the Supply and Installation of a X-Ray Microtomography Machine for the Composites Innovation Centre (CIC) at Nelson Mandela Metropolitan University (NMMU) in Port Elizabeth

RFQ No: 5225/30/03/2017

Date of Issue:	24 March 2017
Closing Date and Time:	30 March 2017 at 16:30
Contact Details:	For submission of quotations or any other enquiries: Email: tender@csir.co.za

1 INVITATION FOR QUOTATION

Quotations are hereby invited for the supply of Chemical Safety and Storage Cabinet for the Composites Innovation Centre (CIC) at Nelson Mandela Metropolitan University (NMMU) in Port Elizabeth.

2 QUOTATION REQUIREMENTS

1 x X-RAY MICROTOMOGRAPHY MACHINE

- High energy micro-CT scanner for large and dense objects
- 130 kV X-ray source (Stable flux and stable emission point position)
- 5Mp flat panel detector (Distortion-free infinite lifetime)(lead-glass fiber optic protection)
- 140 mm Object diameter
- Integrated micro-positioning stage
- Scanning during compression, tension, cooling, heating using optional stages
- 7 micron 3D spatial resolution (Minimum)
- GPU-accelerated reconstruction
- 2D / 3D image analysis
- Radiation safety: < 1 microSv/h
- Acquisition, Visualization and Analysis software
- Heating Stage (85°C)
- Cooling Stage (-10°C)
- Material Testing Stage (200N)
- Control and Visualization and Reconstruction PC

See Picture as an example (Annexure A)

Note:

- Delivery and installation at Nelson Mandela Metropolitan University (NMMU) in Port Elizabeth

3 EVALUATION CRITERIA

- 3.1 Selection of suppliers will be based on the 90/10 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.**