



**Request for Quotations (RFQ) for the supply of an IPSEN Vacuum Furnace to the CSIR**

**RFQ No: 9181/30/08/2019**

Date of issue:	<b>Friday, 16/08/2019</b>
Closing Date and Time	<b>Friday, 30/08/2019 at 16H30</b>
Contact details	For submission of quotations or any other enquiries: <a href="mailto:tender@csir.co.za">tender@csir.co.za</a>

## 1 INVITATION FOR QUOTATION

Quotations are hereby invited for the supply of an IPSEN Vacuum Furnace, including installation and commissioning of the system at the CSIR.

## 2 QUOTATION REQUIREMENTS

Quotations are hereby requested from suitably-qualified service providers for supplying a high temperature vacuum furnaces and engineering services for commissioning.

The furnace should have the following technical specification, size capabilities and allow for local support. Key characteristics of the furnace:

- Programmable cycles and data recording
- High temperature 1200<sup>0</sup>C;
- High Vacuum 10<sup>-4</sup> to 10<sup>-6</sup> Mbar
- Convection (AR/N<sub>2</sub>) capability 150-800 <sup>0</sup>C;
- Vacuum capability 500-1300 <sup>0</sup>C;
- Gas quench capability 4bar;
- Working volume: 600x900x1000mm;
- Working load 600kg

- The furnace hardware should comply to AMS 2750 standards.
- Second hand equipment will be considered

### **3 EVALUATION CRITERIA**

- 3.1 Preference will be given to suppliers with extensive experience in vacuum furnace commissioning and operation.
- 3.2 The ability to provide local support for installation & full commissioning as well long term support.
- 3.3 Supplier selection criteria will include expected lead time on delivery and commissioning.
- 3.4 Preference will be towards South African suppliers
- 3.5 Selection of suppliers will be based on the 80/20 preference point system.
- 3.6 Indicate valid B-BBEE status on quotation. No B-BBEE status will equal zero points.

### **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, installation, testing, operator training & commissioning.
- 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.

5.2 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 No goods and/or services should be delivered to the CSIR without an official CSIR Purchase order.**

**Note: This is not a Purchase Order.**