

**Pondicherry University**  
**Centre for Nanoscience and Technology**

**Tender Document**

The Centre for Nanoscience and Technology, Pondicherry University invites sealed tenders under single-bid system for the supply and installation of the following items under DST Fast Track scheme funded by Structural Engineering and Research Board (SERB) of **Dr. K. Suresh Babu, Assistant Professor**. The technical specifications for the equipments are given below. All tenders should be sent to the address given below. The last date for the submission of tender is 27th August 2012, 03.00 PM.

<b>Sl. No.</b>	<b>Name of the Equipment with specifications</b>	<b>Quantity</b>
<b>01.</b>	<b>Furnace</b> Type: Muffle (Box) furnace Maximum temperature : 1200°C Rate of heating : 2-10 °C/ minute Temperature accuracy : ± 1°C Chamber size : (WxHxD) 5”× 5” × 10” Heating element rating: 3.5 KW Controller : Multiprogrammable PID controller Double walled outer and inner made of 20SWG cold rolled mild steel sheet with heat resistant paint. Front plate and door should be made up of minimum 2 mm thick sheet and door of 1.5 mm thick sheet and has to be powder coated. Input Power : 50Hz/230 V, Single phase	<b>01</b>
<b>02.</b>	<b>Digital Electronic Balance</b> Capacity : 220 g or less Readability : 0.1 mg or better Response time (avg) : 2.5 seconds Repeatability: 0.1 mg Linearity: atleast 0.2 mg Pan size : minimum 90 mm diameter Main body dimension (approx): 185x182x230 mm Calibration : Internal/Built-in Display : LCD Operating ambient Temp. : 10 to 40 Deg.C Electrical details : Volts : 12 V DC/220V, 50-60 Hz Bidirectional RS-232 data interface port ISO/GLP-compliant printing/recording A hanger availability for below-balance weighing Leveling indicator for positioning	<b>01</b>

**Optional Accessory:**

\*A software is required to communicate between through RS 232 port of the balance to record the real time data collection with the use of a PC.

\*Software should have provision to collect the weight data at user specified time intervals (Minutes/Hours/Days) as required by the user

\*User should be able to view the entire data record of a study in excel format or equivalent

\* Software should run in Windows 7.

Only those manufactured by reputed companies with ISO certification and supplied to Pondicherry University or to other Government educational institutions in Pondicherry need to quote. All others who quote should demonstrate working of their balance to our satisfaction at our premises.

**TERMS AND CONDITIONS****I. General Information:**

- a) Last date and time of receipt of the Quotations: **August 27, 2012, 3.00 PM**
- b) Date and Time of Opening of the Quotations: **August 27, 2012, 3.30 PM**
- c) Tender Document fee for Minor Equipments: **Rs. 100/-**
- d) Quoting merely the lowest price does not confer any right to any bidder for award of supply order. The University's Purchase Committee, reserves the right to select the equipment any bid under the grounds of specification compliance, technologically advanced quality, proven performance track record, brand reputation, service backup support & training, offer of additional / special features, compatibility with the existing System, etc.
- e) The tender / quotation must be submitted along with the stipulated tender document fee in the sealed cover, super-scribing the name of the Department / Centre for whose equipments the tender is quoted for.
- f) The cover should also contain the information like, Name of the Equipment and Serial Number of Equipments for which the bids are submitted. The name and address of the bidder should also be mentioned at the from address space.
- g) The tenders should be addressed to  
**Dr. K. Suresh Babu,**  
**Project Investigator and Assistant Professor,**  
**Centre for Nanoscience and Technology,**  
**Pondicherry University,**  
**Puducherry – 605 014.**

The examples for super-scribing the envelopes of the different categories of tenders are given below: -

Tender Submitted under Single bid system for the Centre for Nano Science & Technology	
Name of the Equipment: _____	
	To <b>Dr. K. Suresh Babu,</b> <b>Principal Investigator and Assistant Professor,</b> <b>Centre for Nanoscience and Technology,</b> <b>Pondicherry University,</b> <b>Puducherry – 605 014.</b>
From Supplier's Address	

i) Quotations will not be accepted through fax / e-mail.

## **II. Common Conditions:**

### ***1. Purchase of Quotation Document:***

The Quotation / Tender document can be downloaded from the University website [www.pondiuni.edu.in](http://www.pondiuni.edu.in) or procured from the Pondicherry University on payment of fee as specified above, by means of a D.D, drawn in favor of **The Finance Officer, Pondicherry University, payable at Puducherry**. The downloaded application should be accompanied with the quotation document fee, in the form of a Demand Draft.

### ***2. Price Schedule***

The rates should be quoted for a single unit and also for the total quantity required by the University. The price should include the delivery, installation, training charges, etc. at the respective Department, Pondicherry University. The prices quoted shall remain firm until the equipment is supplied to the respective Department, Pondicherry University.

### ***3. Quoting the Core price & Tax, Duties, Discount etc.***

The taxes / duties / discounts, if applicable, are to be explicitly and separately shown in the bid.

### ***4. Eligibility:***

The firm must have the requisite domain expertise with regard to supply, installation and post sale service of the items they are quoting. The firm should have been in existence for at least six years as on the date of this quotation and must have executed at least three orders for this kind of equipment during the last three years.

## **5. Duty Exemption**

The University has been granted the benefit of exemption from the payment of the Central Excise Duty and Customs Duty by the Department of Scientific and Industrial Research (DSIR), India, vide their Notification No.10/97 dt. 01-03-1997 and 51/96 dated 23.07.96 respectively, in respect of

- a) Scientific and technical instruments, apparatus, equipment, Software including computers.
- b) Accessories and spare parts of goods specified in (a) above and consumables.
- c) Computer software, compact disks, CD ROM, Recording magnetic tapes, microfilms, microchips etc.
- d) Prototypes.

Customs duties at Indian port, if any, will be to the account of the University.

## **6. WARRANTY:**

- i). The equipments covered under the purchase order, when installed, shall be warranted for the quality, workmanship, trouble free operation and performance for a period of at least 36 months from the date of putting the system into operation at the Centre for Nanoscience and Technology, Pondicherry University.
- ii) If any item covered under warranty fails, the same shall be replaced free of cost including all the applicable charges including shipping cost both ways.
- iii) Complete technical specifications to be included in the Technical bid.
- iv) The necessary service support should be provided by Bidder during the agreement period.
- v) Technical post sale support by email and telephone will be provided during the period.
- vi) Operating Manual should be provided in English.
- vii) A clear statement regarding availability of after-sales service and availability of spare-parts for next 5 to 10 years should be included.
- vii) A recent customer list (within last five years) with contact details including email address is to be submitted with technical bids / bids as the case may be.
- x) If the equipment is proprietary a product, a proprietary product certificate should be enclosed.
- xi) The information pertaining to infrastructural, power and any other requirement for satisfactory installation and commissioning of the whole system must be provided by the bidder, at least 30 days in advance of the installation to be commenced if purchase order is issued.
- xii) The equipment must operate at 230V / 50 Hz single phase and / or equivalent three phase electrical power.

- xiii) If the bidder is an authorized representative in India, they are requested to inform their technical ability to take care of the problems in the system, if developed later within the warranty and outside the warranty period. The responsibility of the Indian agent must be clearly specified.
- xiv) The bidder from abroad shall obtain, if required, export permission from the appropriate authorities in his country or the country of origin for items to be shipped to India in case of items to be imported. The University shall provide necessary information if required for this purpose.
- xv) The validity of the each quotation should be at least for SIX MONTHS from closing date.
- xvi) The offers will not be considered if received after the bid closing date and time.
- xvii) The offers received through telex / telefax / e-mail will not be accepted by the University under any circumstances.
- xviii) The University shall not be responsible for any delay / loss or non-receipt of quotations by post / courier service.
- xix) No unsolicited correspondence shall be entertained after the submission of the offer.
- xx) If an order is placed with the firm, the purchase shall be governed by an agreement as per the University rules in force at the time.
- xxi) Additional terms and conditions will be incorporated in the purchase order, if needed, to safe guard the interests of the University.
- xxii) Quotation is not transferable.
- xxiii) In case of any dispute in respect of the quotation, all legal matters shall be instituted within the jurisdiction of the place where the purchaser ordinarily resides.
- xxiv) All equipment must operate at 230V/50 Hz single phase and / or equivalent three phase electrical power.

***7. Power to reject the offer:***

- i) Pondicherry University reserves the right to accept / reject any offer in full or in part or accept any offer other than the lowest offer without assigning any reason thereof. Any offer containing incorrect and incomplete information shall be liable for rejection.
- ii) No Agency commission will be paid to any authorized agent in India.
- iii) Liquidated damages: Timely supply of the ordered items, installation, commissioning (wherever is applicable) and training etc. is the essence of the contract. In case of failure to

supply within the time specified in the Purchase order, a penalty / LD of 0.5% of the total value per week or a part thereof shall be levied subject to a maximum of 7.5% in respect of items which are not supplied. The decision of Pondicherry University shall be final in this regard.

- iv) Bidder(s) must be authorized business partners of Global / National service providers of the respective equipment.
- v) The Bidders must enclose authorization letter from the respective global / national service providers of the above equipments particularly mentioning an undertaking that in case of default by the Bidder, they (Global Service Provider) shall take over all the responsibilities of the Bidder.
- vi) The Bidder should not be involved in any Bankruptcy filing for protection from it.
- vii) The training should be provided by the supplying companies on the specimen and operation of the equipments for a minimum period of two weeks from the date of installation with an expert team.
- viii) For any clarification with respect to technical specifications, please contact the respective Department Heads as per the details given below: -

Sl. No.	Name of the Department/Centre	Name of the PI	Contact Details
01.	Centre for Nanoscience and Technology	Dr K. Suresh Babu	0413-2654976 klsureshababu@yahoo.com