

**PONDICHERRY UNIVERSITY
SCHOOL OF LIFE SCIENCES
DEPARTMENT OF BIOTECHNOLOGY**

TENDER NOTICE

9th JULY 2012

PU/DBT/LS/DBT-PROJECT/EQUIPTS.ADVT/2012-2013/1

Sealed quotations under two bid system are invited for the purchase of the two laboratory equipments by the principal investigator, DBT-project, Department of Biotechnology, Pondicherry University. The quotations duly signed and sealed should be submitted to **Dr Lata Shukla, Assistant Professor, Principal Investigator, DBT Project, Department of Biotechnology, Puducherry-605014.**

The quotations should be sent by post (normal/speed / registered /courier) only. The price quoted should include all costs such as delivery, installation, testing etc and also inclusive of all the taxes. Warranty terms should be explicitly specified in your quotation. The technical specification are given below. **Last date for the receipt of quotation is 30th July, 2012 by 3:00 PM.**

Names of the required laboratory equipments are given below:

Sr no	Name of the equipment	Qty
1.	Refrigerated centrifuge	1
2.	Nanodrop	1

Detailed specifications of individual equipments are given below:

1. Refrigerated centrifuge

General specification

Refrigerated table top centrifuge is desired for centrifugation at controlled temperature (0 to 40°C) and contamination free conditions for conducting RNA, DNA and protein extractions for variable volumes from 0.5ml to 80 ml . The sterile condition operations are also desired.

Technical specifications

- **Maximum rotational speed >13,000 min⁻¹.**
- **Maximum centrifugal force >20,000g**
- **Temperature range <0 °C to + 40 °C.**
- **Assembly should be compact, vibration free, should have indicator for imbalance.**
- **A power cut off of spin for an imbalance is preferred**

- **Sample temperatures should be maintained as displayed in centrifuge from 1 °C to 40°C** and that the accuracy of the sample temperatures should be not less than ± 1 °C of displayed temperatures in the centrifuge.
- **Two Fixed angle rotors of given specifications should also be provided.**
 1. Fixed angle rotor with lid for loading 30 X 1.5 ml /2 ml samples should be provided. This should have RCF > 20,000 X g.
 2. Fixed angle rotor with lid for loading 6 X 80ml samples should be provided. This should have RCF > 15,000 X g.
- **Two Adaptors of given specifications should also be provided.**
 - A. 15 ml Falcon adaptors 6 in numbers should be provided, Diameter of the adaptor bore should be >15mm. It should sturdy, unbreakable and could withstand wear and tear of laboratory operations.
 - B. 50 ml Falcon adaptors 6 in numbers should be provided. Diameter of adaptor bore should be > 28mm. It should sturdy, unbreakable and could withstand wear and tear of laboratory operations.

Unit should be able to withstand temperatures from 0-45°C and relative humidity of 15-90% during storage and also during continuous operation. Power input 220V-240VAC, 50 Hz fitted with suitable plugs and adaptors, voltage stabilisers for optimal operating conditions. Should provide power chord, dust cover.

2. Nanodrop

General specification:

It is required for quantitation of RNA, DNA and proteins by using small volumes <1 microliter with accuracy.

Technical specifications:

- Sample volume 0.5 microliter to 1 microliter
- Wavelength range 190-840nm
- Wavelength accuracy 1 nm
- Absorption precision 0.002, least count should be +/- 2 ng.
- Detection limit :<5ng/microliter
- Maximum concentration >15,000 ng/microliter
- Measurement time <5 seconds
- Soft ware compatibility with windows should be provided
- A dedicated computer system with suitable configuration for its operation should be provided.
- Sample pedestal should be non corrosive, stainless steel with suitable coating and should be able to withstand wear and tear without affecting the accuracy of the readings. The sample pedestal material should not react with the sample, it should be easy to maintain and clean and should not affect the results.

- Power input 220V-240VAC, 50 Hz fitted with suitable plugs and adaptors, voltage stabilisers for optimal operating conditions
- Unit should be able to withstand temperatures from 0-45°C and relative humidity of 15-90% during storage and also during continuous operation.
- The weight of total assembly should be < 3Kg.
- Should provide power chord, dust cover and voltage stabiliser.

TERMS AND CONDITIONS

1. General information:

- a. **Last date and time of receipt of tenders: July 30th, 2012 at 3:00 PM.**
- b. Quotation/tender document fees: Rs 500/-
- c. EMD rate: 2.5% of the quoted price.
- d. Quoting merely the lowest price does not confer any right to any bidder for the award of the supply order. The university's purchase committee, reserves the right to select the equipment.
- e. The quotation/ tender document fees and emad should be submitted along with your quotations.
- f. The tender must be submitted along with the stipulated EMD fee in sealed cover, superscribing '**Tender for Equipments-DBT project - Dr Lata Shukla**'. The name and address of the bidder should also be mentioned at the 'From address' space.
- g. The tender should be addressed and posted to the following address by speed post, registered post or by courier.

Dr Lata Shukla, Principal Investigator, DBT project, Department of Biotechnology, Pondicherry University, Puducherry-605014.
- h. Tender would not be accepted through fax/email.

II Common conditions (Imported/ Indigenous)

1. Price schedule

The rate should be quoted for a single unit and also for the total quantity required by the university. The price should include the delivery, intallations, at respective department in the university. The price quoted shall remain firm till the equipment is supplied to respective department, Pondicherry University.

2. Quoting the core price and tax, duties and discounts etc.

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

3. Eligibility

The firm must have the requisite domain expertise with regards to the supply, installations and post sale service of the items they are quoting. The firm should be in existence for atleast six years as on the date of this tender and must have executed atleast three orders for this kind of equipment during the last three years.

4. 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 Science and Industrial Research (DSIR) India Vide their notification No. 10/97 dated 1. 3 1997 and No.51/96 dated 23.7.1996 respectively in respect of

- a) Scientific and technical instruments, apparatus, equipments, softwares including computers
- b) Accessories and spare parts of good specified in (a) above consumables
- c) Computer software, CDs, CD ROM, Recording magnetic tapes, microfilms, microchips etc.
- d) Prototypes

Custom duty at Indian airport, if any, will be to the account of the university.

5. Technical specifications

- i) **Warranty:** The equipment covered under the purchase order, when installed, shall be warranted for the quality, workmanship, trouble free operations and performance for period of atleast 36 months (**Preferably 3 years**) from the date of putting the system into operation at the department of biotechnology, Pondicherry University or atleast 42 months from the date of receipt of the the last lot of consignment.
- ii) If any item covered under the warranty fails, the same shall be replaced free of cost including all the applicable charges including shipping cost both ways.
- iii) Complete technical specifications of the equipments includes the operation system to be included in the bid.
- iv) The necessary service support should be provided by bidder during the agreement period.
- v) The training should be supplied by the supplying company.
- vi) Operation manual should be provided in english
- vii) A recent customer list (within the last five years) with contact details including the email addresses is to be submitted along with the technical bid/bids as the case may be.
- viii) If the equipment is a proprietary product, a proprietary certificate should be enclosed.
- ix) The equipment must operate at 230V/50Hz single phase and /or equivalent three phase electric power.

x) **Validity of each quotation should be at least for three months from the closing date.**

xi) The offer will not be considered if received after the bid closing date and time.

xii) The offers received through telefax/telex/email will not be accepted by the university under any condition.

xiii) University would not be responsible for any delay/loss or non-receipt of the tender by post/courier.

xiv) No unsolicited correspondence shall be entertained after the submission of the offer.

xv) If an order is placed with the firm, the purchase shall be governed by an agreement as per the university rules in force at that time.

xvi) Additional terms and conditions would be incorporated in the purchase order, if needed, to safeguard the interest of the University.

xvii) Tender is not transferable.

xviii) In case of any dispute in respect of the tender, all legal matters shall be instituted within the jurisdiction of the place where the purchaser ordinarily resides.

6. Power to reject the offer

a. 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.

b. No agency commission would be paid to any authorized agent in India.

c. Liquidation damages: Timely supply of the ordered items, installation, commissioning (wherever applicable) and training etc. is the essence of the contract. In case of failure to supply within the specified time in the purchase order, a penalty/LD of 0.5% of total value per week or part thereof shall be levied subject to maximum of 7.5% in respect of the items that are not supplied. The decision of Pondicherry University shall be final in this regard.

d. Bidder(s) must be authorised business partners of Global/National service providers of the respective equipment.

e. The bidders must enclose authorisation letter from the respective global/national service providers of the above said equipment particularly mentioning an undertaking that in case of default by the Bidder, they (Global service provider) shall take over all the responsibility of the bidder.

f. Bidder should not be involved in any bankruptcy for protection from it.

III Specific Conditions for Imported Equipments

1. Payment of EMD

The quotations must be accompanied by Earnest Money Deposit (EMD) As mentioned above, by means of a demand draft drawn in favour of **The Finance Officer, Pondicherry University, Payable at Puducherry.** The small scale units are exempted from the payment of EMD provided they enclose the proof of their exemption certificate issued by the competent authority.

2. Payment terms

Normally a payment 90% will be released after the installing and training. However, 100% payment would be released if the supplier provides bank guarantee towards the performance security for the 10% of the total cost to cover the warranty period. Bank charges in India shall be borne by purchaser and outside India shall be borne by the contractor/supplier. The offer must be in english. The rates should be indicated both in figures and words against the items specified in the given table. It is preferable tha the price be quoted in US dollars or in major foreign currencies.