



Tender Document
PONDICHERRY UNIVERSITY
SCHOOL OF LIFE SCIENCES
DEPARTMENT OF BIOCHEMISTRY & MOLECULAR BIOLOGY
(R.V.NAGAR, KALAPET, PUDUCHERRY – 605 014)

Ref: PU/DBMB/DST-FIST/Tenders/2014-2015/

10-10-2014

Sub: Supply of Elisa Reader under DST-FIST Program- Reg.

Sealed tenders are invited under **two bid systems** for purchase of **Elisa Reader under DST-FIST Program**. The quotations duly signed and sealed should be sent by Post (Normal / Speed / Registered / Courier) to **Prof.. K. Jeevaratnam, Co-ordinator, DST-FIST Program , Department of Biochemistry and Molecular Biology, Pondicherry University, PUDUCHERRY – 605 014**. The price quoted should include all the costs such as delivery, installation, testing etc., and also inclusive of all taxes. Warranty terms should be explicitly specified in your quotation. **Last date for receiving quotations is 23.10.2014, 3.00 PM.**

Specifications and Allied Technical Details-

Item – 1: ELISA READER (Imported)

- Wavelength range : 400–750 nm
 - Photometric range : 0.0–3.5 OD
 - Linearity : $\leq 1.0\%$ from 0.0–2.0 OD; $\leq 2.0\%$ from 0.0–3.0 OD
 - Accuracy : $\pm 1.0\%$ or 0.010 from 0.000–3.000 OD at 490 nm
 - Precision : 1.0% or 0.005 OD from 0.0–2.0 OD; 1.5% from 2.0–3.0OD
 - Resolution : 0.001 OD
 - Filter wheel capacity : 8
 - Plate shaking : 3 speeds: low, mid, high; duration: 0–999 sec
 - Read time : 6 sec at single wavelength, 10 sec at dual wavelength
 - Data storage : Calendar/clock function; 64 assay protocols
 - Data output : Onboard graphical thermal printer and USB2 interface with PC or Mac data stations
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- Flexible configurations with ability to read flat-, U-, or V-bottom micro plates or 8- or 12-well strip plates
 - Automatic calibration before each reading
 - Variable-speed plate-shaking capability
 - Easy-access 8-position filter wheel with 6 standard filters along with the machine.
 - USB2 port for external computer control (with Micro plate Manager software, PC) and suitable PC
 - Data and protocol presentation on LCD display

- Onboard data storage of protocols, standard curves, and graphs
- Self-diagnostic capabilities to detect lamp burnout at startup
- Motorized door for plate loading
- Minimally Six filters of wavelengths - 415, 450, 490, 595, 655, and 750 nm to accompany the reader at no extra cost

Optional Software specification:

High-Throughput Analysis and Reporting

- Running of 12 separate assays on the same plate
- Optional automatic printing upon completion of measurement
- Multiple-plate processing with automated data export
- Custom reporting function that provides one-button screening for predefined assays, such as for TSE Comprehensive Curve-Fit Analyses
- Linear, quadratic, cubic, or logistic (4-parameter) fit types
- Linear or logarithmic automatic axis scaling
- External standard curves for multiple plates
- Curve-fit graph overlay for comparison

Performance verification parameters include:

- Accuracy
- Precision
- Linearity
- Spectral blocking

Complex Kinetic Analyses

- Choice of number of calculation points for Vmax
- Simple velocity calculation
- Negative or positive slope calculation
- Absorbance limit selection
- Kinetic correlation coefficient display and calculation for fit (r value)
- Real-time data acquisition display and ability to zoom in on a well
- Automatic scaling and real-time monitoring

Warranty – 3 years

TERMS AND CONDITIONS

I. General Information:

- a). Last date and time of receipt of the Tenders: 23. 10. 2014, 3.00 PM.
- b). Date and Time of Opening of the Quotations: 23. 10. 2014, 3:30 PM.
- c). Tender Document fee Rs. 1000/-
- d). EMD rates: 2.5% of the quoted price.

d) Two bid systems have to be strictly followed. One for Technical bid and another for commercial bid and each bid should be submitted in separate sealed covers.

e) However, the tender document fee and EMD as specified above should be remitted by each firm / bidder, collectively for all their bids advertised under this tender.

f) 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.

g) The Tenders Document Fee and EMD should be submitted along with your Quotations.

h) The Tenders must be submitted along with the stipulated Tender document fee and EMD in the sealed cover, super-scribing the name of the Department/Centre for whose equipment's the tender is quoted for. The name and address of the bidder should also be mentioned at the from address space.

i). The Tenders should be addressed and posted to the following address by speed or registered post or by courier to **Prof. K.Jeevaratnam, Co-ordinator, DST-FIST Program, Department of Biochemistry and Molecular Biology, Pondicherry University PUDUCHERRY – 605 014.**

J) Tenders will not be accepted through fax / e-mail.

II. Common Conditions (Import or Indigenous)

1. Purchase of Tenders Document:

The Tender document can be downloaded from the University website **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 equipments 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 postal 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 equipments 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. Technical Specifications

- i. **WARRANTY:** 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 (preferably 5 years)** from the date of putting the system into operation at the Department of Biochemistry and Molecular Biology, Pondicherry University, or at least 42 months from the date of receipt of the last lot of the consignment in India.
- 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. The training should be provided by the supplying companies for a minimum period of two days from the date of installation with an expert team.
- vi. Technical post sale support by email and telephone will be provided during the period.
- vii. Operating Manual should be provided in English.
- viii. A clear statement regarding availability of after-sales service and availability of spare-parts for next 3 to 6 years should be included.
- ix. 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 tender should be at least for THREE 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 tender 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 safeguard the interests of the University.
- xxii. Tenders is not transferable.
- xxiii. 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.

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.

III. Specific Conditions for Imported Equipments

1. Payment of EMD:

The Tender must be accompanied by EMD as stated above, by means of a Demand Draft, drawn **in favor of The Finance Officer, Pondicherry University, payable at Puducherry**. The Small Scale units are exempted from payment of EMD provided they enclose the proof of their exemption Certificate issued by the competent authority.

2. Payments terms:

Normally a payment 90% will be released after the installation & training. However, 100% payment will be released **if the supplier provides Bank Guarantee** towards performance Security for the 10 % of the total cost of the equipment to cover the warranty period. Bank charges in India shall be borne by the 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 item specified in the given table. It is preferable that the price be quoted in Indian currency.
