

NOTICE INVITING TENDER

Ref: DST/Disha/SoRF-PM/038/2013_1 dated: 22.12.2015

Closing date: 22.01.2016

Sealed quotations are invited only by Registered Post/Courier/Speed Post for the following item so as to reach to Prof. S.P.Sinha Babu (Dept. of Zoology) within 21 days of publication of this advertisement. Postal delays will not be entertained. Only one quotation from each bidder is invited. An application fee of Rs. 500.00 must accompany the bid. All payments are to be prepared in the form of Demand Draft in favor of 'Accounts Officer, Visva-Bharati' payable at SBI, Santiniketan.

Description/Specification	Qty
Microplate (ELISA) Reader	1

(2) (i) Supplier must have previous experience of supplying of items quoted. Documentary proof to be attached. (ii) Authorization certificate in respect of the item quoted must be attached if the firm is not an OEM.

(3) Apart from other applications in respect of the quality, standard, terms etc., the offer should specially clarify the points noted below in order:

(i) Validity of the offer: The bidder shall have no right to revise the quote within the period of validity on the plea of fluctuations in the market rate. Normally the validity of the offer should be for a specified period of 90 days. (ii) Time of Delivery: State the period during which the supplies will be effected by you in full. (iii) Place of Delivery: Mention clearly the place of destination, and mode of transit by which the supplies will be effected without any extra charges. The University will prefer F.O.R. Santiniketan prices in case of outstation suppliers and delivery at our site in case of local suppliers. (iv) Central Sales Tax: State the present rates leviable. In case the same is not applicable, mention "Not Applicable" and if the prices are inclusive of this sales tax please write "Included in the Prices". **The ST/VAT/IT Pan No. or Registration Number (as the case may be) should invariably be quoted in the offer, a photocopy of the latest clearance certificate of the above be enclosed with the offer, failing which the offer will not be considered.** (v) Provisional Sales Tax: As detailed under (iv) above. (vi) Excise Duty: As detailed under (iv) above (vii) Insurance: If the rates are inclusive of insurance please write "Included in the prices" otherwise state "Not included". In case local supplier where insurance is not necessary, they may mention "Does not arise". (viii) Packing and Forwarding Charges: If these charges are accounted for in the prices quoted by you, please mention "Included in the prices", otherwise please give an approximate charge thereof. It may be noted that the university will pay only the actual expenses on this accounts. (ix) Other incidental charges: Other charges which are not fully accounted for by the points given above, may be mentioned. (x) Dealership/manufacturing Certificate: Appropriate certificate must be provided. (xi) Warranty not less than 24 month from the date of successful installation. (xii) The tender document must be signed and stamped by authorized bidder.

(5) University reserves the right to accept /cancel any of the tender or part thereof without assigning any reason. (6) Suppliers having Rate Contract with Central or Provincial Government should quote along with a certified copy of the current Government Rate Contract. (7) The offers must be accompanied by the related catalogues, leaflets and brochures wherever possible. (8) All quotations should be net, after showing discounts etc. (9) If the terms of the quotations etc. are vague, incomplete, contradictory and confusing the offer will be rejected without any explanation. (10) Once the offer is accepted by the HOD/PI/Coordinator/Indenter and the order is placed on the basis, the supplier will have to deliver the goods accordingly within the stipulated time, or meeting the compensation for loss if any on account of non execution of the supply order. (11) Liquidated Damage: Visva-Bharati deserves the right to impose liquidated damage as and when required; the rate of penalty will be at par with the same of the Govt. of India's instruction. (12) Bank Commission where applicable will have to be borne by the supplier. (13) All disputes subject to "Bolgpur, Birbhum, W.B. Jurisdiction" only.

ANNEXURE 1

Specification For Microplate (ELISA) Reader

- 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 2.0–3.0 OD
- Resolution 0.001 OD
- Filter wheel capacity **8 Wheel with 6 preinstalled filters with 415, 450, 490, 595, 655, and 750 nm**
- Plate shaking **3 speeds: low, mid, high; duration: 0–999 sec**
- Read time **6 sec at single wavelength, 10 sec at dual wavelengths**
- Data output Onboard graphical thermal printer and USB2 interface with PC or Mac data stations
- Data storage Calendar/clock function; **64 assay Protocols**
- Flexible configurations with ability to read flat-, U-, or V-bottom microplates 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
- USB2 port for external computer control
- 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

Software specification:

Microplate Manager for 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, Log-Log, Zero-Intercept Linear, Semi-Log, Logit Log, Point to Point or logistic (4-parameter, 5-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 V_{max}
- 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