



**REGIONAL INSTITUTE OF MEDICAL SCIENCES: IMPHAL-795004**  
**(An Autonomous Institute under Ministry of Health & Family Welfare, Govt. of India.)**

Short Re-Tender/Rate enquiry:

No. **RIMS-Micro-E/Rental-19**

Imphal the 14<sup>th</sup> June 2019

Subject:- Submission of Rate Quotation along with authorized Stockiest /Manufacturer, certificate, terms and conditions for supply and installation of "Automated Microplate Absorbance Reader and  $\beta$ -D-Glucan assay" on reagent rental basis for use of Microbiology Department RIMS Imphal on or before 03/07/2019 up to 4.00 p.m.

**The following details, terms and Conditions may please be furnished.**

- (1) The price in words and figures should be indicated clearly.
- (2) The contract period of the installation of the equipment is 5 (five) years and may be extended as per satisfactory of service provided by firm.
- (3) The cover of the rate quotation should be subscribe "Automated Microplate Absorbance Reader and  $\beta$ -D-Glucan assay on reagent rental basis".
- (4) GST charges for the items should mention clearly.
- (5) The rate tendered should be valid for one year from the due date of submitting the tenders.
- (6) Firm's GST No., Registration No., PAN No., etc.
- (7) The supplies/ should be made within 30 days from the date of placing supply order and repairing of equipment should be made within 15 days.
- (8) Failure to supply the items within the stipulated period and also within the validity period, the successful bidder/supplier is liable to be blacklisted.
- (9) Earnest money Rs.8,000/- (Rupees eight thousand) only along-with rate quotation should be submitted in the form of Bank Draft from any Nationalized Bank/schedule bank in favour of Director RIMS, payable at Imphal. Interest on such Earnest Money will not be borne by us. The earnest money of unsuccessful firm will be refunded on demand. For the successful bidder, it will be retained as security deposit which shall be refundable after satisfactory completion of supplies. In the event of failure to supply the items with in the validity period and within the stipulated period from the date of placing supply order, the security Deposit shall be forfeited without any prior notice.
- (10) For technically qualified firms, the lowest rate of reagent quoted by the firm may be consider.

(Kaikam Dounge)  
Deputy Director (Admn),  
Regional Institute of Medical Sciences,  
Imphal.

### Specification of Automated Microplate Absorbance Reader

- Incubate 96 - well microplate from ambient to 50°C
- Gen5 Software for the detection of Beta-D-Glucan- Capable of defining endpoint, kinetic and well liner scanning measurements and analysis
- Have UV capability- Wavelength Range: 340 - 900 nm.
- Detection Method: Absorbance and should be capable of endpoint, kinetic and well liner scanning read modes
- Plate Read: 96 - well microplate.
- Filters Supplied: 340, 405, 450, 490, & 630nm (standard filters).
- Six filter capacity: Bandpass: 10nm
- Absorbance Range: 0.000 - 4.000 O.D.
- Accuracy: <1% at 2.5 OD, <2% at 3.5 OD.
- Linearity:  $\pm 1\%$  from 0 to 2.5 OD.
- Repeatability: < 0.5% at 2.5 OD, <1.5% at 3.5 OD
- Resolution: 0.001 OD
- Minimum reading speed:
  - Normal - Single (12 seconds) and Dual (20 seconds) wavelength.
  - Rapid - Single (8 seconds) and Dual (13 seconds) wavelength.
- Read Flat and Round bottom plate
- Display screen: 2 Line x 24 Character LCD display,
- Shaking: User programmable timing and frequency (Low, Medium, High & Variable)
- Curve fitting: Linear, 4 - P, 2 - P (Logit / Log), Cubic, quadratic, cubic spline, point - to - point.
- Temperature control: Ambient to 50°C.
- Temperature uniformity:  $\pm 0.5^\circ\text{C}$  at 37°C
- Programmes: Can do any ELISA Test program / recall, edit & storage of program, 50 or more user-programmable protocols. Capable of on board data analysis, including data transformation formulas
- Lamp: Tungsten Halogen bulb.
- Includes; serial RS 232C, parallel printer interface and printer cable.
- Power: 100-240V, 50-60 Hz.
- CE and ISO certification
- Necessary KVA online UPS Connection for the BioTek Reader

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Specification of (1 3)-β-D-Glucan assay

- Assay should be for the detection of (1→3)-β-D-Glucan in serum sample
- Pack size should be 100 Tests or more
- Detection level should be up to 500pg/mL
- To be provided with other required
- Other accessories required for test such as 250 ul & 1000 ul Box , a pyroclear product, 2 ml Pyrogen free micro tubes, 96 well microplate etc

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*A. P. Leachman*  
14.6.19