

Government Of West Bengal
Office of the Principal, Burdwan Medical College.
Purba Bardhaman.

Memo No. BMC/PC/

Dated, Purba Bardhaman, the

2023.

QUOTATION

Sealed quotation are hereby invited to the Dealers or Suppliers, for supply the undermentioned article for **Microbiology Department** at Burdwan Medical College, Purba Bardhaman. Rates should be inclusive of taxes, delivery charges and other charges if any, failing which the quotation will be treated as cancelled. Quotation should be reached this office on or before 10.05.2023 within 1PM in a sealed cover mentioning the purpose of Quotation. No quotation will be received after the stipulated date and time. The undersigned reserves the right to accept or reject any quotation without assigning any reason. Documents to be produce viz 1 Valid trade license, 2.P.Tax & Pan Card (Xerox Copy)3. GST Registration, should be submitted with the rate quotation.

Sl No.	Name of the Equipment	Required Quantity
1.	Elisa Reader (Specification attached herewith)	1 No.

Principal,
Burdwan Medical College.
Purba Bardhaman.

Memo No. BMC/PC/ 1140/1(7)

Dated, Purba Bardhaman, the 02/05/2023

Copy forwarded to:-

1. The District Magistrate, Purba Bardhaman.
2. The information and cultural officer, Purba Bardhaman is being requested to upload the Quotation notice in District NIC Website.
3. The Chief Medical Officer of Health, Purba Bardhaman.
4. The M.S.V.P., B.M.C. & hospital, Purba Bardhaman.
5. www.wbhealth.gov.in , Swasthya Bhawan, Salt Lake, Kolkata-700091
6. www.burmed.org , Purba Bardhaman.
7. College Notice board, for favour of information with the request to please display the notice in the Notice Board for wide circulation.

Principal,
Burdwan Medical College.
Burdwan

1. ELISA READER :

Technical specifications

1. Should be able to support all plate formats U bottom, V bottom and flat bottom with reading capacity of 1 to 96-well microplates individually
2. Optical systems: LED lamp.
3. Detection: Absorbance based.
4. Reading Time: <15 Seconds for 96-wells .
5. Wavelength range: 340nm to 750nm or more and should have easy access 8 position filter wheel
6. Should have automatic filter selection
7. Suitable LCD display
8. Wave length selection should be double monochromatic with 1nm increment
9. System should have capability to do qualitative, quantitative, kinetics with any formulae including validation, transformation, and factors and floating cut off.
10. Should have linear measurement range of : 0- 4OD (optical density)

11. Resolution: 0.001Abs.
12. Photometric Accuracy: 1%±1%
13. Should have a resolution of 0.001OD
14. Repeatability: 0.5% +/-0.005OD
15. Photometric method-single/dual
16. Should have facility for sorting atleast 50 assay protocols
17. Should be capable of doing multi standard tests and controls
18. Should have blanking facility- air wise and well wise
19. System should perform self-check before every measurement and should have automatic calibration before each plate reading and facility for storage of calibration curves.
20. Power requirements: 220-240 V AC, 50Hz
21. Inbuilt shaking mode
22. PC based system.
23. PC Requirements: Intel core i5 processor, 2 GB RAM, 500GB hard disc, LED monitor 17", USB PORT, key board and mouse, Microsoft Window with MS office licensed,
24. PC Software packages (windows compatible and should be licensed) for on board data analysis.
25. Two way interface with Laboratory Information System
26. Compatible UPS-microprocessor controlled, line interactive, compatible pure sinewave online continuous transducer

General specifications:

1. Satisfactory working report of the quoted model from three reputed government institutes/hospitals should be included (within two years of submission of bid).
2. The manufacture should specify Installation qualifications, Operational Qualifications and Performance qualifications at site. Validation and calibration reports should have traceability towards applicable national /international standards.
3. Original product catalogue should be provided by the firm. Necessary documents, technical write up in English shall be attached with the offer both in hard and soft copies. Performance, efficiency, other factors such as distortion etc., as applicable be also furnished.
4. Installation: the bidder must arrange for the equipment to be installed by certified or qualified personnel; any prerequisites for installation to be communicated to the laboratory in advance. Onsite, in lab customer training to be provided. The equipment should be supplied with 2 meter cord at input and fitted with plugs of appropriate rating (5/15Amp)
5. 5 years back to back warranty including preventive maintenance followed by 5 year CMC should be provided by the company and warranty should commence only after delivery of satisfactory working report.
 - a. Complete with comprehensive set of spare parts.
 - b. The make, rating, model, description, specifications, quantity of each item shall be furnished separately.
 - c. Downtime commitment to be restricted to maximum period of 48 hours in metro cities and 96 hours in hard to reach areas (working days) and punitive actions shall be taken in case of failure to maintain the desirable downtime.
 - d. Preventive maintenance plan and technical support to be provided.
6. After installation must provide IQ/OQ/PQ report. The bidder must arrange for calibration as and when required.
7. A suitable in-built voltage stabilizer to be given. A line voltage corrector of appropriate rating should form part of standard configuration. Copper wound single phase automatic line voltage

corrector conforming to IS: 9815(St.I)/94 with latest amendments or equivalent international standards fitted with a voltmeter and switch to indicate output/input voltage as under:

- a. Capacity/rating: 10 KVA: As per the requirement of the equipment.
 - b. Output voltage: 220 volts \pm 10% volts. Input-out voltmeter and ampere meter. Protection: high-low voltage cut-off, overload and short circuit protection.
8. Certifications:
- a. Product Certification : CE Class II A or US FDA certified
 - b. Quality Certification : ISO certified
 - c. Electrical Safety : Equipment meets electrical safety specifications such as that of IEC (Class I)
9. Additional requirements:
- a) Cover for the Instruments to be provided
 - b) Compliance certification of relevant section(s) of 21 CFR.

The committee approved the technical specifications of the ELISA reader

2. ELISA WASHER:

Technical specifications

1. Should have capability to wash flat, U or V bottom microplates.
2. Fully automatic platewasher.
3. Should have removable and autoclavable plate carrier
4. Should have strip selection option which allows to wash selected strips only
5. Should have inbuilt vacuum and dispensing pumps/peristaltic pumps to ensure accurate and quiet washing
6. Dispensing and aspirating needles should be separate
7. Washer should have 8 or 12 channel wash head
8. Should have 2-4 independent liquid channels
9. Wash volume per well should be programmable
10. Should have more than 50 wash programme memory
11. Programmable washing time, volume and soaking time.
12. Should have residual volume of $<5\mu\text{l}$
13. Alarm for monitoring the overflow and wash solution.
14. Should provide additional 2 numbers- each of wash buffer bottle and waste bottle along with the tubing
15. Compatible UPS- microprocessor controlled, line interactive, compatible pure sine wave online continuous transducer
16. Power input 220-240VAC, 50 Hz

General specifications:

1. Satisfactory working report of the quoted model from three reputed government institutes/hospitals should be included (within two years of submission of bid).
2. The manufacture should provide Installation qualifications, Operational Qualifications and Performance qualifications. Validation and calibration reports should have traceability towards applicable national / international standards.
3. Original product catalogue should be provided by the firm. Necessary documents, technical write up in English shall be attached with the offer both in hard and soft copies. Performance, efficiency, other factors such as distortion etc. as applicable be also furnished.

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