



Government of Karnataka

BELAGAVI INSTITUTE OF MEDICAL SCIENCES

Dr. B R Ambedkar Road, Belagavi – 590 001

(Autonomous Medical Institution)

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No. BIMS/MEW/107/22-23 / 3210

Date: 20/02/2023

RE-INVITATION FOR QUOTATION

Sub: - Quotation for supply of 1-Nos Semi automated ELISA machine to Blood Bank BIMS Belagavi.

Sealed quotations are invited for supply of 1-Nos Semi automated ELISA machine to Blood Bank BIMS Belagavi. With the following descriptions. Hence sealed quotation should be submitted to this office on or before 09-03-2023 at 4-pm and cover should be super scribed as "Quotation for Supply Semi automated ELISA machine". Please quote your lowest rates for the said items and it should not exceed the prevailing market rates.

S No	Name of the Item	Qty
1	Semi Automated ELISA machine	01-Nos

Technical Specification:

System Type : Open system
Plate Type : 96 well plates
Well type : U, V and Flat bottom wells

Operating Modes:

- Absorbance
- Quantitative
- Qualitative
- Semi-Quantitative
- Kinetic Mode

Measurement Modes: Continuous/ Step

Shaking Modes : Three linear speeds-Low, Medium and fast,
Time duration can be set.

Wavelength Selection:

- Monochromatic
- Bi-Chromatic
- Multi-Chromatic *(Maximum 4)

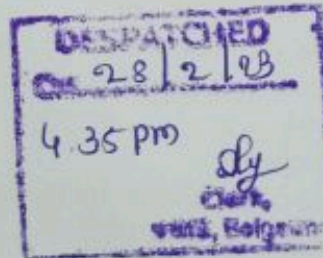
Calculation Modes:

- Non-Linear standard
- Cut-Off
- Index formula
- Column Subtraction
- Linear Regression
- Point to Point
- Cubic Spline
- Linear-Log

Blank Option:

- Blank, Control, Assay.
- Validation equations
- Against Air, Well
- Plate, Column, Column-men

Number of programmable standards/calibrators:



o/c

Up to 10 standards/test storage/printing of multi standards curves and cut-off equations for all parameters.

Test Programs : 100 totally "Open" Test programs

Photometer:

- Measuring system : 8-channel optical system
- Lamp source : Tungsten Halogen with lamp saver function
- Wave length range : 400 to 700nm
- Standard Filters: 405 nm, 450 nm, 492 nm, 630 nm, (Optional two filters 578 m, 700 nm), 10 nm Based pass
- Dynamic Range : 0.0-4, OD
- Photometric Accuracy : <1 % at 2.5 OD at 450 nm
- Repeatability : <.05 % at 2.05 OD
- Photometric resolution : 0.001 OD
- Linearity : < 1% at 2.5 OD at 450 nm

Measuring Time :

- Normal : 16 seconds single wavelength
- Speed : 12 Seconds single wavelength

Display :

- High resolution Graphics
- LCD 320 X 240 pixels

Key Board : Sturdy membrane panel

PC Communication : Serial RS232/USB

Built-in Thermal printer : High resolution, 384 dots per line, thermal type with full

Graphics facility and option for connecting external parallel printer.

Computer interfacing software: Windows based software Eli-LIMS with data

management.

Report on internal and external printer: Alphanumeric patient ID based linear and matrix reports with OD, Concentration cut off interpretation ect. Calibration graphs printed. Report generation for last 5000 samples can be viewed / printed.

Online Help : At places step on-line help in each menu. Beeps and online instruction on erroneous entry, special HELP key on keypad.

Operating temperature : 20 C to 40 C

Storage Temperature : 10C to 50 c

Humidity: Max.80% RH, non-condensing

Power supply: 18V / 5A using external auto ranging SMPS adapter 115/230 VAC± 10%, 50/60 Hz.

Dimension : 502 mm x 369 mm x 216 mm.

Weight : 7 Kg.

SEMI AUTUMATED LISA WASH II

Wash Head : 8 and 12 head manifold compatible.

Wash mode : Row and Plate

Wash row : 1-12 rows flat bottom

Plate type : 96 or 48 well plate or strip (Flat, U & V bottom)

No. of Plates : Up to 10 programs to preset different plate configuration

Wash programs : 64

Moving cycle : 1-9 cycles

Dispensing volume : 50-450ul in 5ul increment

Dispensing Pressure : <5% at 300ul

Prime Volume : 50-700ul

Aspiration Pressure : Programmable 2 type soak time : 1-255 sec.

Residual Volume : ≤2ul for V/U button plates, and ≤3ul for per well flat bottom plates

Nos. of Bottles : 2 wash, 1 distilled water, 1 waste

User interface : Touch screen LCD, 128x64 pixels with backlight

Bottle Capacity : >2 L

Operating Environment:


- Input power: <80 VA
- Ambient Temperature : 10 C-40 C
- Storage Temperature : 10C-50C
- Relative Humidity: Up to 90% relative humidity without condensation
- Weight: 9.5 KG
- Dimension: 710 mm x 530 mm x 380 mm

TERMS & CONDITIONS

1. Zerox copy of pan card & GST certificate
2. The Name of the manufacturer whose products are quoted should be clearly mentioned
3. The rates quoted should not exceed MRP/DPCO rate/prevailing market rate
4. The net rate & GST should be shown separately


Director,

Belagavi Institute of Medical Science

Belagavi. 

Copy Submitted for kind information and with a requested to exhibit on the notice board.

1. The Deputy Commissioner Belagavi.
2. The Dist. Health & F.W. Officer Tilakwadi Belagavi.
3. The Chief Executive Officer Z.P. Belagavi.
4. The Executive Engineer PWD, Belgaum Division Khilla Belagavi.
5. Copy to this office Notice Board.
6. IT section for publish in BIMS Website.[bimsbelgaum.karnatak.gov.in]