



BABA FARID UNIVERSITY OF HEALTH SCIENCES, FARIDKOT

(Established by Govt. of Punjab vide Punjab Act No 18 of 1998)

University Procurement & Facility Department

No.BFUHS/UPFD/2019/25825

Date:- 10/12/19...

Sub:- Quotations for Purchase of laptop, refrigerator and gel electrophoresis unit along with its power supply.

Sealed quotations are invited for purchase of laptop, refrigerator and gel electrophoresis unit along with its powers supply (specifications attached) as per following terms & conditions :-

Terms & Conditions:-

1. Payment :By Cheque on receipt of material in good condition and satisfactory inspection report.
2. F.O.R :General Store, BFUHS, Faridkot.
3. Rate :Inclusive of all taxes or taxes (as applicable), if any, be mentioned separately in the quotation.
4. Quantity :Quantity/Item may increase or decrease.
5. Validity :Rate should be valid for one year
6. GST : University GST Number is **03AAAGB0018A1ZP**.

You are requested to send your lowest quotation of above items in sealed cover addressed to "**The Registrar, Baba Farid University of Health Sciences, Faridkot**". The words "**Quotation for Purchase of laptop, refrigerator and gel electrophoresis unit along with its power supply**" may please be inscribed on top of the envelope.

The Registrar, BFUHS, Faridkot reserves the right to reject the quotation without assigning any reason.

Last date for receipt of quotation in the university office is 20-12-2019 by 5.00 PM through Registered/Speed Post/Traceable Courier only.

Prof. Incharge, UPFD

Specifications for Laptop

- Processor - i5 or i7 series Intel processor
- RAM - 8 GB
- Hard Drive - 500 GB 1 TB or larger
- Battery should be long lasting
- Operating System - Windows 10 Home or Professional editions
- There should be integrated digital audio for sound

Minimum Specifications

The current minimum laptop specifications to ensure the ability to run the basic software most end users operate are:

- Processor - i5 or i7 Intel processor.
- RAM - 8 GB
- Hard Drive - 320 GB – 1 TB
- Operating System - Windows 7 or windows 10

Specifications for Refrigerator (

- Energy rating should: Inverter Compressor Star
- It should be double door
- Capacity should be 380 liters
- There should be air circulation system
- It should be frost free
- There should be operation control and super Cool function.
- R-600A refrigerant should be present
- Freezer location should be on top
- There should be two shelves in the freezer and a freezer lamp should be present there
- There should be Door Basket, Chiller tray, Drawers, Removable gasket, Chiller, LED interior Lamp.
- Handle should be metallic
- It must have Humidity controller, Moist balance Crisper and Deodorizer

Specific Dimensions

Depth	688 mm
Width	555 mm
Height	1745 mm

Services Warranty

Compressor Warranty	5 Years
Warranty	1 Year
Package Contents	Main Unit, Power Cord Attachments, User Manual & warranty Card

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SPECIFICATIONS FOR ELECTROPHORESIS AND POWERSUPPLY

ELECTROPHORESIS (HORIZONTAL)

- Should be comprised of UV transparent gel tray with an integrated fluorescent ruler and safety lid with three different sizes maximum of 15X15 cm.
- Should have a sample capacity run of minimum 15 samples.
- Should be provided with unique anti-leakage design for gel casting system along with dam claws so that no taping is required during casting.
- Should be supplied with set of fixed/adjustable/preparative combs of three different sizes standard for all the electrophoresis
- Should be provided with buffer tank, safety lids with cables and labeling bubbles.
- Should be provided with removable electrodes for ease of cleaning.
- Should be equipped with multiple comb slots so as to provide users with the facility of multiple gel sizes along with thickness of 0.75, 1, & 1.5 mm
- The recommended buffer volume should be 1000ml to the maximum & minimum of 550 ml for variable electrophoresis units.

POWER SUPPLY

- Power Supply suitable for horizontal gel electrophoresis
 - Should be provided with a programmable output range of 5-300 V adjustable in 1V step, with a maximum of 75W.
 - Should have a timer ranging from 1 minute- 99hrs 59 minutes.
 - Should come with three digit LED display indicating voltage and time clearly.
 - Should have at least 2 recessed output terminal in parallel.
 - Should be provided with pause/resume functions.
 - Should be provided with CE regulatory compliance.
 - Should include safety feature such as sudden load change detection, overload/shortcircuit detection and overvoltage detection.
 - Instrument should be European CE Certified.
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