

VPDUSS-SOP-8.5.1.2-01.F02

VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LTD

PATNA DAIRY PROJECT

PHULWARISHARIF, PATNA 801 505

PHONE :0612-2252542, 2252553, 2251622, E-mail : vpmu.pur@gmail.com

PDP: PUR: - 7702

07.03.2024

Dear sir,

We are interested in purchasing of the following items. In case you can supply the same, you may send your quotation in sealed cover addressed to the Managing Director address given above superscribing on the top of the envelope quotation for **vet. Lab items** so as to reach us on or before 24.03.2024.

All rates must be F.O.R.- Hajipur on door delivery basis.

S.No.	Item	Qty reqd
1	Binocular microscope (with and without electricity facility)from5X to 100X Details specification as enclosed -	2
2	Hematological Analyser Specification as enclosed	1
3	Centrifugal machine upto 3000rpm Specification as enclosed	1

Thanking you,

Yours faithfully,



Manager (MM)

M/s Double R Optics & Scientific Works



MICROSCOPE SPECIFICATIONS

Head	Binocular/Trinocular tube having 30 degree or lesser viewing angle
Eyepieces (Magnification and Field of view)	FOV 20mm, harmonic corrected Eyepiece pair 10x/20 focusable
Nosepiece	Binocular microscope with inward facing 4-position objective nosepiece turret
Objectives	Plan Achromat 4x, 10x, 20x, 40x, 100x oil
Condenser	Abbe Condenser N.A. 0.90/1.25 oil with colour-coded labels for matching objective magnifications
Stage	Mechanical stage with non-extending rack and slide holder
Focusing	Coarse & Fine
Illumination	LED illumination, Brightness Adjustable
Accessories	32 inch display screen
Warranty	5 years
Certification	US-FDA
Camera Resolution (Live)	1920X1080 pixels. 5MP image capture
Image Capture, video capture	Ultra HD image acquisition with HDMI, USB3, wi-fi connectivity, USB stick

Microscope with LCD Screen with the specifications

- a. Microscope type: Compound microscope with digital screen
- b. Head: Trinocular head, viewing height adjustable
- c. Nosepiece: Quadruple/Quintuple
- d. Objective: Plan Achromat 4x, 10x, 40x, 100x Oil
- e. Condenser: Abbe Condenser 1.25 N.A. or better
- f. Stage: Rackless mechanical stage with specimen holder
- g. Focusing: Coarse & Fine
- h. Illumination: LED
- i. Screen: At least 11.6 inch display screen
- j. Camera resolution: At least 1920X1080 - Captured 5M.P.
- k. Image storage: High speed SD card (at least 4GB)

- l. Video capture facility in 1080p
- m. Accessories: Dust cover, immersion oil & instruction manual
- n. Warranty: At least 5 years

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equipment Automatic Hematological Analyzer with the specifications

- a. Configuration: Benchtop
- b. Automation: Fully automatic
- c. Analysis available: WBC, RBC, PLT, HGB, HCT, MCV, MCH, MCHC, PDW, PCT, LY%, LY count, MO%, MO count, GR%, GR count
- d. Species of Animals: cat, dog, horse, mouse, rat, rabbit, pig, cow, buffalo, monkey, camel, sheep and goat
- e. Throughput: about 60 samples/hour
- f. Sample volume – 10-30 microliter
- g. TFT LCD screen
- h. Built-in printer
- i. Operating Environment
Environment Temperature: 10°C ~ 30°C
Relative Humidity: ≤ 70%
Atmospheric Pressure: 70.0kPa ~ 106.0kPa
- j. Storage: more than 10,000 samples
- k. External storage- USB
- l. Warranty: At least 3 years



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Detail specification of Non Refrigerated Centrifuge

1. Non refrigerated bench top centrifuge
2. Brush less motor without carbon
3. Rotor: swing out rotor of capacity 12-16 ml X 12 capacity (RPM 5000 to 7000)
4. Centrifuge bowl should be made up of stainless steel.
5. Micro-processor control
6. Noise level less than 60-70 db
7. Imbalance detection with auto cut-off
8. Maximum timer set point should be 60 minutes or better
9. LCD /LED display
10. Manufacturer should be CE certified
11. Minimum one years' onsite warranty