

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF ANATOMY
Ansari Nagar, New Delhi-110029

RE/ 3 /Anat/Store/16-17

Dated : 20/02/2017

Dear M/s,

A short rate enquiry is hereby floated/invited for the following item required by Department of Anatomy, AIIMS , New Delhi-110029.

1.	Perfusion pump for rat
2.	Analytical electronic weighing balance (Micrograms)
3.	Manual Rotary Microtome for cutting sections
4.	Horizontal electrophoresis
5.	Multiple Display
6.	10 G LAN Card

Firm submit the following:

1. Firm should submit price Reasonable Certificate
2. Firm should submit the under taking on the letter that the firm has not been black listed
3. Firm should submit the under taking on the letter that the firm has no vigilance case pending against Supply /firm
4. Firm should submit all the certifications asked for in the technical specifications

Terms & Conditions:

- The quotations should be submitted to the Professor & Head, Department of Anatomy, Room No. 1010, AIIMS, New Delhi-29 and sent by post/per bearer **by 8th March , 2017 up to 12.00 P.M.** Quotation should be sealed in an envelope and the “**name of the item**” clearly written on top of the envelop.
- The make of the article offered should invariably be quoted. Quotation should be typed written in ink. All overwriting and erased entries will be deleted from the quotation. The rates should be valid for at least THREE MONTHS.
- VAT/Sales tax or any other kind of tax(s) must be separately mentioned against each item. In case no sales tax is chargeable, prices must be quoted as NET.
- **Warranty/Guarantee:**two years followed by three years CMC comprehensive warranty.
- **Installation:** The firm install the equipment on the site, free of cost
- The firm should be able to give demonstration of the item if required within 5 days of requisition.
- The firm must supply the item within 20 days after confirmation of order.
- **The successful bidder has to submit performances bank guarantee of 10% of the order value valid upto warranty period.**
- The payment will be made electronically viz RTGS/NEFT against delivery and satisfactory installation of the item. The following information should be also mentioned in the quotation.
- Name of the beneficiary:
- Account No. of the beneficiary:
- IFCS code of the bank/branch:
- The quantity can be increased or decreased to any extent depending upon the actual requirement.

- The Professor & Head of the Department reserves the right to cancel/reject full or any part of the rate enquiry which generally do not fulfil the conditions stipulated in the rate enquiry.
- Payment will be made after receiving the items in good condition and satisfactory installation.
- No extra transportation charge will be given to the firm.
- The firm must supply the items within the date mentioned on the supply order copy.

Thanking you

(Dr.Renu Dhingra)

Professor

Computer facility: With request for uploading the same in AIIMS websites for the period of 15 Days.

Technical Specification

Precision Perfusion pump for rat

Microgram volume Analytical electronic weighing balance

It should have

1. Weighing capacity : 0.01 mg to 120 mg
2. Display digits : 5 digits display
3. Linearity : $< +0.1 \text{ mg} (< + 0.1 / 0.1 / 0.2 \text{ mg})$
4. Readability : $+0.01 \text{ mg} (\text{Readability } 0.01 / 0.01 / 0.1 \text{ mg})$
5. Repeatability : $< +0.02 \text{ mg} (\text{Repeatability } < + 0.02 / 0.04 / 0.07 \text{ mg})$
6. Stabilisation time $< 6 \text{ sec}$
7. Measurement time : $< 6 \text{ sec}$
8. Operating temperature : 5 to 40°C
9. Fully automatic internal calibration with variation in temperature or after elapsing a time interval that has been set.
10. Built in Tare & Zero function
11. Pan size $< 80 \text{ mm}$
12. Pan should be made of rust free and chemical resistant material
13. Backlit LCD with bigger Digit Size for better viewing (16.5mm) : **Display Touch screen with graphical user interface**
14. Below Balance Weighing Facility
15. Dynamic Temperature Compensation
16. Ergonomic Glass draft shield
17. Level indicator in the front of display
18. Application programs
19. Overload protection
20. Standard accessories, cables, necessary software, manuals standard weights for external calibration dust cover battery pack and printer : **Direct data transfer to Microsoft® Windows programs through Mini USB cable without any external software**
21. AC adapter
22. ISO, GLP and GMP compliant
23. ISO 9001 certified
24. European conformity EC certified, US FDA , CE certified or equivalent
25. Demonstration may be required
26. Warranty CMC/AMC according to AIIMS rules

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Specification for Manual Rotary Microtome

The rotary microtome should have

1. Precision micrometer feed mechanism with mono-block system; section thickness setting from 0.5 μm to 60 μm .
2. Section thickness setting both with left as well as right hand
3. Section counter
4. Manual coarse feed via hand-wheel.
5. Provision of Specimen retraction during return travel, and turning off two mechanical trim stages 10 μm and 30 μm .
6. Vertical stroke 64 mm and maximum horizontal feed range 28 mm.
7. Integrated hand-wheel that locks in any position.
8. Direct fitting of all specimen holders. Maximum specimen size 55 mm x 50 mm.
9. Fine orientation of Specimen holder Universal X & Y axis 8° & rotatable Z axis 360°.
10. Specimen Retraction in the return stroke max. 40 μm that can be turned off when not needed
11. Lateral or Front coarse feed facility.
12. Large Integrated wrap around type section waste tray for debris collection.
13. Safety warning for end position approach.
14. Direct easy fitting of all Blade carriers with precision guide way.
15. Common blade holder for High & low profile blades
16. Blade Carrier to be fitted on solid bar guide way to eliminate vibration when sectioning hard tissues.
17. Storage Plate on top of the instrument for storing blades, tissue blocks, brush etc.
18. To be supplied with Specimen Clamp, Blade Holder, 1 pk each of 50 Low Profile and 50 High Profile Blades
19. Unit should be European EC and CE/US FDA certified.
20. Manufacturer must be ISO compliant

21. ICM CMC according to AIMS rules
Renushinge
Dr. Renu Dhingra
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HORIZONTAL ELECTROPHORESIS APPARATUS

It should have/provide

1. Gel running unit, safety lid, casting trays and combs.
2. Gel Casting Tray of standard form and adjustable for UV transparent gel trays of different sizes i.e. 15x10, 15x15, 15x25cm in the same tank with an integrated fluorescent ruler.
3. Provide hassle free gel casting directly in the electrophoresis cells.
4. Tape free gel casting module for leak free operations.
5. Comb sizes of 1.5mm of 15 wells and 20 wells.
6. Sample throughput of more than 100 samples
7. The option for adjustable height combs with comb holders.
8. The base buffer volume not more than one litre
9. Migration rate of Bromophenol Blue dye to be about ~3cm/hr(at 75 V).
10. lock-in design to run precast agarose gels.
11. Be supplied with 10% Stain Free Gel solution sufficient for casting at least 10 gels

Power Supply:

12. Output power with voltage from 5V to 500V with an increment of 1 V or less.
13. Output current up to 800 mA with adjustability at 1 mA and output power of 75W or more.
14. Built-in timer 1-999 min, fully adjustable.
15. LED display of three digits and two decimal places preferably
16. accommodate at 0-40°C; 0-90% humidity operating condition.
17. Type of output -constant voltage, constant current, constant power with automatic crossover
18. Pause & Resume function
19. Stackable system
20. Option of auto power-up after power failure
21. Eight sets of output jacks that are compatible with most electrophoresis devices.
22. at least 4 pairs of channels to connect four different units
Electromagnetic Compatibility (EMC) certified.
23. All necessary safety provisions like over load, no load etc. with alarm for sudden change in load, power failure indication, over temperature and safe plugs and sockets, input line protection, auto power-up after power failure.
24. Both the above systems have to be mandatorily from the same manufacturer for seamless workflow
25. GLP/CMP compliant.
26. safety compliance ICE/ EN-61010 along with BIS certificate
27. Should Conform to EC and CE standards for emissions and immunity class A, tested at 120/230 V.

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- CENTRAL ELECTROPHORESIS SYLLABUS
28. Certificates of European EC, CE , US-FDA and RoHs are essentially required Warranty CMC/AMC according to AIIMS rule
 29. Users list with certificate of satisfactory service.
 30. Penalty Clause: If instrument remains in non-working condition for more than 15 days, a penalty of 1% of machine cost will be charged per day.
 31. service centre in the city/NCR
 32. demonstration of the equipment would be required
 33. the company should submit an undertaking from the manufacturer that in case of merger or acquisition of the vendor company, they will be responsible for maintenance of the equipment


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24. Safety should systems have to be exclusively from the manufacturer for
25. Safety compliance (CE/ FDA/ IEC) along with MS certificates
27. Safety Compliance to CE and IEC standards for electrical and mechanical safety



5 . Multiple Display

- Display your content on multiple monitors using a single PC! Game Changer for Digital Signage Connectivity! HDMI over LAN, Video Extender.
- Control the content of multiple screens
- Show different content on every screen: Websites, PowerPoint Presentations, Videos, Images etc
- Supports Full HD with both VGA and HDMI output
- Includes: ; Licence key ; OSBASE driver license

6. 10 G LAN Card

- 4-Port 10G Open SFP+ Fiber Optic Network Card - PCI Express 10G NIC with Multimode Transceiver.
- Get high performance connectivity over multi-mode fiber by upgrading your server or workstation with a 10GBase-SR port
- 4-port 10G network card with installed multimode SFP+ transceiver (up to 330 m range)
- Works with computers with PCI Express such as & fiber optic network equipment such as switches
- Fiber optic NIC / Fiber LAN card / Intel NIC / Intel Fiber Optic PCIe network card / 10G NIC
- Intel chip with Intel Virtualization Technology for Connectivity