



NATIONAL INSTITUTE OF MENTAL HEALTH AND NEURO SCIENCES
(Institute of National Importance), Bengaluru- 560 029

राष्ट्रीय मानसिक स्वास्थ्य और तंत्रिका विज्ञान संस्थान, (राष्ट्रीय महत्व संस्थान), बेंगलूरु - 560 029
ರಾಷ್ಟ್ರೀಯ ಮಾನಸಿಕ ಆರೋಗ್ಯ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ, (ರಾಷ್ಟ್ರೀಯ ಪ್ರಾಮುಖ್ಯತಾ ಸಂಸ್ಥೆ), ಬೆಂಗಳೂರು - 560 029

Phone 26995023/5913/5923/5024/5025/5780 Website <http://www.nimhans.ac.in/tender>
Fax 080-26571563/26564830/2121/6811 E-mail aaos@nimhans.ac.in



PURCHASE SECTION

STR-D3/EQPT/ /GEL/NP/2019-20

October 1, 2019

LIMITED TENDER ENQUIRY

Sub: Limited Tender Enquiry towards supply of Gel Electrophoresis Tank-MIDI

Dear Sir/Madam,

With reference to the subject cited above, kindly make arrangements to submit your quotation in a sealed cover for supply of the following items, as detailed below addressed to **“The Special Officer (E), Purchase Section, NIMHANS, Hosur Road, Bengaluru – 560 029”** before 4 pm on 30.10.2019 (due date). An early compliance is requested. Kindly look into the specifications in Page No. 2 and terms & conditions in Page No. 3 without fail.

| Sl. No. | Description/Specification | Quantity |
|---------|-------------------------------|----------|
| 1 | Gel Electrophoresis Tank-MIDI | 01 No. |

Sd/-
Registrar

For technical clarifications contact:

Dr. Vani Santosh,
Professor of Neuropathology,
Officer In Charge - Neuro Oncology Lab
Department of Neuropathology
Mob: 9980 709 684, Ph: 080-2699 5132/5880
Email: vani.santosh@gmail.com



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Specifications for Gel Electrophoresis Tank-MIDI

Power supplies for Electrophoresis :

1. Should have Output range (programmable) of, Voltage; 10-500 Volts, Current: 0.01-2.5 Ampere, Power: 1-500 watts.
2. Should give Constant voltage, constant current with automatic crossover.
3. Should have four output terminals pair recessed banana jacks floating in parallel to run four systems at a time.
4. Should have Timer of 1min – 99 hr 59 min, fully adjustable.
5. Should have real time editing function.
6. Should have LED Display.
7. Should have these Safety features: No-load detection, sudden load change detection, overload/short circuit protection, input line protection, auto power-up after power failure.
8. Should have Input protection of Fuse on both hot and neutral.
9. Should have auto recovery after power failure.
10. Should have pause/resume function.

Horizontal Electrophoresis :

1. A horizontal electrophoresis system should be able to run the gel size of 7x10cm, with safety lid.
2. A system should include UV transparent gel tray of size 7x10 with integrated fluorescent ruler.
3. A system should include tape free gel casting module for leak free operations.
4. A system should include casting gates to allow hassle free casting of gels directly in the electrophoresis cells.
5. A system should include two 1.5mm 8- & 15-well-fixed height combs.
6. A system should have the option for adjustable height combs with comb holders. Option of using precast gels.

Transblot Specifications :

1. Should be able to Transfer 2 10 x 7.5 cm gels in just 1 hr; low-intensity overnight transfers are also possible.
2. To have Wire electrodes placed 4 cm apart provide strong electrical fields and efficient protein transfer.
3. Should be Colour-coded cassettes and electrodes ensure proper orientation of the gel during transfer.
4. Should Include blue cooling unit is completely contained within the Mini Trans-Blot cell and absorbs heat generated during rapid transfers.
5. Should be available either as a complete stand-alone apparatus or as a module compatible with the buffer tank and lid of the Mini-PROTEAN Tetra cell.



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1. **Sealed quotation (single bid)** in has to be submitted only by either manufacturer of the articles or the authorized local supplier of the manufacturer.
2. Validity of the bid should be for 120 days from the due date.
3. Enquiry reference number along with date and due date should be superscribed on outer cover.
4. **Quotation should be in INR only for NIMHANS door delivery price** and total cost with detailed breakup of cost towards Item wise price, taxes, any surcharges (such as transportation, installation, customs duty, etc.), warranty/expiry period, delivery period, contact person details (such as Mobile No., e-mail, local supplier address) should be clearly mentioned.
5. If the purchase of article is approved by the Institute, the article should be supplied/installed within the delivery period quoted else penalty will be levied as per institute rules.
6. Sealed quotation shall be addressed to -
**THE SPECIAL OFFICER (E),
PURCHASE SECTION, NIMHANS,
HOSUR ROAD, BENGALURU – 560 029**
7. **Quotation received after last date and time will not be considered under any circumstances.**
8. However, the Institute reserves the right to accept or reject any/all quotations without assigning any reason whatsoever.
9. **NO ADVANCE PAYMENT.** Bill will be passed for payment to accounts section only after satisfactory supply/installation certification of the articles from the concerned Head of the Department/Section. Further payment will be made by accounts section.
10. None of the terms and conditions of the supplier shall be applicable to the purchase contemplated hereunder, irrespective of it being attached to any documents to be provided to NIMHANS. Such exercise shall have no meaning and binding effect unless the same is accepted by NIMHANS in writing.
