

WESTERN BLOT APPARATUS

- Western blot apparatus for protein expression work.
- Should include tank, lid with power cables, electrode assembly, casting stand for minimum 4 gels, five 10-well combs of 1.0mm thickness, and five sets of glass plates with fixed 1.0mm spacers
- Should be able to run 1-4 hand-cast mini gels (8-8.5 x 7-7.5cm)
- Should require not more than 750 ml buffer for 2 gels
- Should have casting stand with wing clamp assembly for simple and leak proof casting.
- The gel caster should have at least 3 height adjustable screws for balancing the uneven platforms for uniform gel casting.
- Should have the capability for up gradation from 2 gels to 4 gels in the same tank
- Should include an interchangeable module, which can do western blotting in same buffer tank
- Operating condition should be 0-40°C and 0-95% humidity.
- Should be US FDA and or European CE certified
- A power pack for electrophoresis of the below mentioned specifications should be provided with the western blot apparatus

Power Pack for Electrophoresis:

- Should have minimum voltage output = 8-320 V,
- Should have minimum current put = 3- 405 mA
- Should have minimum power output = 1- 75W
- Should be able to run at constant voltage and constant current.
- Should have automatic recovery after power failure
- Should also have safety features like no-load detection, sudden load change detection, ground leak detection, overload/short circuit protection, over-voltage protection
- Should have an internal fan to keep the system cool and safe
- Should have provision for at least 3 electric plugs for simultaneous operation of more than one unit.

**UNIVERSITY COLLEGE OF MEDICAL SCIENCES
& GTB HOSPITAL, SHAHDARA, DELHI – 110095**

ICMR funded Project entitled “Study of polymorphism of gene associated with postprandial lipemia and their expression in adipose tissue in patients with Type 2 Diabetes mellitus”

Department of Endocrinology

Date: 24/05/2017

Sub:-Bid for supply and installation of Western Blot Apparatus.

Dear Sir,

Sealed bids are hereby invited for the supply and installation of following item(s) (specifications as per *Annexure I*). Bidder will ensure that their bid, complete in all respects so as to reach at the address - **Prof. S V Madhu**, Principal Investigator, Head Department of Endocrinology UCMS & GTB Hospital, Dilshad Garden, Delhi – 110095, on or before 14/06/2017 (4 PM) failing which the bids will be treated as late and rejected.

All rates should be typed or written by ink.

While submitting the bids, information with regard to the following may also be given:-

1. Interested bidder should submit their bids in two parts duly sealed in separate envelopes :- Part – I Technical Bid in one sealed envelope and Part – II Price Bid in other sealed envelope. Both the sealed envelopes should then be put in one outer cover and all the three envelopes also subscribed as bid for the supply of **Western Blot Apparatus**

Envelope Part- I (Technical Offer): The Technical offer should be complete in all respects and contain all information asked for, except prices.

Envelope Part - II (Price Bid): The Price Bid should give all relevant price information. The Bid Form must be filled in completely, without any errors, erasures or alterations. The Commercial offer must not contradict the technical offer in any way.

2. Earnest Money Deposit EMD of Rs. 4,000/- (Rupees four thousand only) in the form of Bank Guarantee/demand draft in favour of “**The Principal, University College of Medical Sciences**”, payable at Delhi valid for a period of 60 days beyond the bid validity period (i.e. valid for 180 days from the date of opening of the Technical bid) shall be submitted along with the technical bid, failing which the bid will be rejected.

In case the successful bidder withdraws his offer within the validity of bid or before entering into the contract within the bid validity period, his EMD will be forfeited. The bidder will have no right to claim for refund of the EMD.

In case of successful bidder does not honour his commitment within the validity of bid and back out after placing the order with him, the EMD will be forfeited.

The EMD will be returned to the successful bidder after receipt of Performance Security along with the order acceptance from him.

The EMD will be returned to the unsuccessful bidders within One month after placing the order with the successful bidder.

No interest will be paid by UCMS on the EMD amount.

3. Comprehensive onsite warranty for one year covering all parts & labour charges free of cost from the date of satisfactory installation and commissioning/acceptance of the equipment by the Principal Investigator. During the warranty period, the bidder will have to undertake comprehensive maintenance of the entire hardware, hardware components, systems software, equipment and accessories (including 3rd party software, if any) supplied by the bidder at the places of installation of the equipment. No claim whatsoever shall be on the purchaser for the replaced parts/goods thereafter. No Traveling allowance or transportation cost will be paid by the purchase during the warranty period.

The bidder warranty that the goods supplied under this contract are new, unused and of the most recent or current model and they incorporate all recent improvements in design and materials.

The entire warranty certificate must be handedover to the concerned Principal Investigator.

The bidder shall be fully responsible for the manufacturer's warranty for the equipment, accessories, spare parts etc. against any defects arising from design, material, manufacturing, workmanship, or any act or omission of the manufacturer/ bidder or any defect that may develop under normal use of supplied equipment during the warranty period. This shall also be applicable for any third party tools, software, components which are integrated by the bidder and offered as part of the solution.

Warranty shall not become void even if University College of Medical Sciences and other supplemental hardware from a third party and installs it with/in these machines. However, the warranty of the OEMs will not apply to such hardware items installed. Besides the above, the bidder will have to conform the terms and conditions of warranty.

The bidder shall also be responsible to ensure adequate regular supply of spare parts needed for a specific type of machinery and equipments whether under their annual maintenance and repairs rate contract or otherwise.

4. Security Deposit - the selected vendors shall furnish a Performance bank Guarantee of 10% of the cost of the purchase order in the form of Bank Guarantee issued by a Scheduled Bank within Thirty (30) days from date of the issue of the Purchase Order.. The performance guarantee shall remain valid till 90 days after the Warranty period.

In case the successful bidder fails to provide satisfactory service during the warranty/Contract period or found violating bid's term and conditions, the Performance bank Guarantee will not be returned.

Performance Money will be released without any interest to the bidder on completion of the bidder's all contractual obligations including the warranty obligation & after receipt of bidder bank guarantee for CMC security in favour of **“The Principal, University College of Medical Sciences”**.

5. Irrevocable comprehensive annual maintenance after expiration of warranty period per annum. The bidder shall enter into Annual Comprehensive Maintenance Contract with University College of Medical Sciences, 3 (three) months prior to the completion of Warranty Period. The CMC will commence from the date of expiry of the Warranty Period.

6. Period by which the supply can be made, if an order is placed.

7. The items should be delivered at the college premises, shahdara, Delhi-95 free of cost. No freight charge will be paid.

8. The complete literature on the same item must be enclosed.

9. The rates quoted will be binding for a period of one year and supplies will be subject to the approval of undersigned.

11. Rates should be quoted in INR only. Applicable VAT/Taxes should be quoted separately. The payment to successful bidder will be made in INR only after successful installation of the equipment(s).

12. In case of imported item, successful bidder will be responsible for custom clearance of the equipment. No documents whatsoever will be provided by institute for this purpose. Also, no extra charges would be borne by the institute towards these expenses.

13. UPS compatible with equipment should be provided along with equipment.

14. Undersigned reserves the right to accept the quotations in part / full or reject them even if they are lowest.

With kind regards,

Sd/-

(Dr. S V Madhu)
Principal Investigator