Clinical Biochemistry
Department of Biochemistry
University of Kashmir
Srinagar

No. CLB/KU/DST-Project/Tender-Notice/01)/2018
Dated: 13-08-2018

Tender Notice

Sealed tenders affixed with revenue stamps worth rupees 5/- are invited under Two-bid system from manufacturers or their authorized dealers/ suppliers/agents for the supply of following equipments sanctioned to the undersigned by DST (SERB), New Delhi Govt of India under the project entitled, "**Protein and gene expressions of *IL1β, NFkB1, NFkB2, PPARγ, NOS2, COX2, TNFα* in LPS induced inflammatory response in rats and effect of *Cousinia thomsonii***". Tenders complete in all respects should reach the undersigned by or before 05/09/2018 up to 4:00 pm sharp by hand or registered post. Any postal delay shall not be entertained. Detailed specifications of the equipment and other terms and conditions are available on the official website of University of Kashmir.

S. No.	Name of the Equipment
1.	Western Blot Apparatus
2.	Micropipettes

Dr. Showkat Ahmad Ganie
Principal Investigator
DST-SERB Project
Clinical Biochemistry
University of Kashmir

Specifications and other terms and conditions for the equipment for which tenders have been invited vide tender Notice No. CLB/KU/DST- SERB-Project/Tender-Notice/01)/2018 Dated:

Name of the Equipments: Western blot Apparatus and Micropipettes

Specifications: (Western blot Apparatus)

➢Instrument should include Vertical Electrophoresis Cell, with Mini wet Trans-Blot Module, PowerPac and semi dry transfer unit.

➢Electrophoresis apparatus should have capacity of 1-4 gels, provided with cell tank, lid and power cables, Companion module (to run up to 4 gels), 10 well combs (5 in No.), 1.0 mm spacer plates (5 plates per box), Short plates (5 plates per box), Casting stands (2 in No.), Casting frames(2 in No.) Precast gels, Hand cast gels, Total buffer volume for 4 gels, (1000 ml), Total buffer volume for 2 gels, ml (800 ml), Typical run time for SDS-PAGE should be 35–45 min (at 200 V constant)

➢Power pack with specifications of 10-300 V, fully adjustable in one volt steps, 4-400 mA , fully adjustable in 1mA steps, dimensions (21×24.5×6.5), 75 watt maximum. It should be integrated with display (3 digit LED), safety features (like over temperature protection, over voltage protection and short circuit protection.

➢Semi dry western blotting transfer unit should be convenient for simultaneous transfer up to four mini sized gels. It should be well designed for rapid semi dry transfer of proteins from polyacrylamide gels to nitrocellulose or PVDF membranes in 5-10 minutes. It should be integrated with blotting software and blotting cassette. USB port should be there for program transfer. It should possess built in power supply, pre programmed methods for low MW, mixed range MW, HIGH MW, standard semi dry, 1.5 mm gels or unknown size gels. Instrument should have audible alarm for end of run. Should be having open system which accepts accessories and consumables from different suppliers. Should be CE/TUV certified. System should come with pre cut membranes, filters, nitrocellulose, regular size and transfer stacks, transfer buffer.

➢Standard Warranty should be 1 year and the installation and training at sight

Specifications: (micropipettes)

- Air-displacement pipette for accurate pipetting of aqueous solutions
- Micropipettes should be able to pipette liquid in volumes 0.5 – 10 µL, 10 – 100 µL, 100 – 1,000 µL with 100% accuracy
- Should have feasible weight and pipetting forces and should limits the strain on hand and arm.
- Should pipette variable volume of liquid.
- Spring loaded tip cone should be available for minimal tip attachment forces help to reduce stress
- Should be easily to Adjust and should have better accuracy when pipetting various difficult liquids like ethanol or even when pipetting at high altitudes.
- Should be easy to calibrate
- Fully Autoclavable without disassembly
- Display should be digital

Terms and Conditions:

1. The tenders shall be submitted under **two-bid system:**

Envelope-A (Technical Bid): Quotation mentioning all technical details of the instrument under sealed envelope should contain following documents:

i. Technical details of the instrument and the specifications/technical details should be supported with the catalog.

ii. Accompanied with CDR for an amount of 2% of the total quotation price (valid for a minimum period of 8 months) pledged to Dr. Showkat Ahmad Ganie, Principal Investigator, Clinical Biochemistry, University of Kashmir.

Envelope-B (Price/Financial Bid): It should contain price bid under sealed cover. The price bid should include:

i. Rates that should be quoted F.O.R Clinical Biochemistry including all Taxes and Duties namely GST/Custom Duty etc(against Custom Duty Exemption Certificate) and other should be mentioned clearly. Also mention price of optional accessories separately wherever required.

Both the technical bid and the financial bid should be sealed by the bidder in separate covers duly super-scribed and both these sealed covers are to be put in a bigger cover which should also be sealed and duly super-scribed.

2. Authorized dealership certificate should be supplied along with tender.

3. The successful bidder shall have to ensure after sale service of at least 2 years

4. The manufacturers/authorized distributors are supposed to send a soft copy of the quotations along with the tenders.

5. The quotation should be valid for a period of 120 days from the date of opening of the technical bid.

6. Rates are to be quoted in INR (Rupee terms) wherever applicable and any revision thereof is not allowed after the tenders have been opened.

Note: Technical/Purchase Committee/PI reserves the right to reject the tender without assigning any reason thereof.

Technical and Price bids be send on the following address:

Dr. Showkat Ahmad Ganie
Principal Investigator (DST-SERB Project)
Clinical Biochemistry
University of Kashmir
Hazratbal Srinagar-190006, J & K
Email: showkatganie@kashmiruniversity.ac.in

Dr. Showkat Ahmad Ganie

Principal Investigator