



OPEN NOTICE: 03 (2026-27)

Subject: Purchase for Western Blotting Unit, Make: Bio-Rad on Proprietary/Nomination basis –
Inviting comments reg.

An indent has been received from PI- GP 294, Department of Zoology, Central University of Punjab, Bathinda for procurement of Western Blotting Unit, Make: Bio-Rad, on proprietary/nomination basis through OEM M/s Bio-Rad Laboratories India Pvt. Ltd./authorised dealer.

Departmental PAC certifications and others related documents are attached herewith.

The above documents are being uploaded for open information and to invite objections, comments/offers if any, from any manufacturer/ supplier firm regarding proprietary nature of the item and availability of above equipment with required specifications within 10 days from the date of issuance of this notice giving Reference No. D-13, dated 11.08.2026. Objections/ Comments should reach Office of the Stores & Purchase Branch, Central University of Punjab, V.P.O- Ghudda, District Bathinda – 151401 by post or through email <procurement@cup.edu.in> on or before 10.09.2026, failing which it will be presumed that no firm has any objection/ comment to the above offer and case will be decided on merits as per rules.

M. Anil Kumar
प्रभारी भंडार एवं क्रय शाखा) 31/8/2026

I/c Stores & Purchase Branch
(For and On behalf of Central University of Punjab)

Enclosure:

1. PAC Certificate
2. Detailed Specification

PROPRIETARY ARTICLE CERTIFICATE

As per Rule 166 GFR 2017 –

Single Tender Enquiry. Procurement from a single source may be resorted to in the following circumstances: -

- i. It is in the knowledge of the user department that only a particular firm is the manufacturer of the required goods.
- ii. In a case of emergency, the required goods are necessarily to be purchased from a particular source and the reason for such decision is to be recorded and approval of competent authority obtained.
- iii. For standardisation of machinery or spare parts to be compatible to the existing sets of equipment (on the advice of a competent technical expert and approved by the competent authority), the required item is to be purchased only from a selected firm.

Note: *Proprietary Article Certificate in the following form is to be provided by the Ministry/Department before procuring the goods from a single source under the provision of sub **Rule 166 (i) and 166 (iii)** as applicable.*

1. The indented goods are manufactured by M/s **Bio-Rad**
2. No other make or model is acceptable for the following reasons:
 - We previously utilized a Bio-Rad system funded by an early career research grant GP-176 which is now obsolete. Upgrading to the Bio-Rad Trans-Blot Turbo System will drastically compress protein transfer times from 1-2 hours (via standard tank methods) to just 3-7 minutes, accelerating throughput and reducing optimization bottlenecks. This transition is highly cost-effective as over existing Bio-Rad accessories are fully compatible with the new model.
 - In contrast to budget units prone to buffer leakage from degraded gaskets or fragile latches, Bio-Rad patented clamping mechanisms guarantee a secure, leak free seal during electrophoresis.
 - Bio-Rad systems mitigate internal heat spikes during high voltage runs, preventing an uneven protein migration and “smiling” bands typical of lower-tier alternatives.
 - Leveraging Bio-Rad’s closed loop system-including TGX precast gels, optimized buffers, and dedicated consumables – minimizes user-dependent variance to consistently deliver the reproducible, publication quality, data essential for peer-reviewed research.

P Sharma

3. Concurrence of finance wing to the proposal vide :
4. Approval of the competent authority vide :

P. Sharma
12/08/2020
Signature with date

(ASSOCIATE PROFESSOR)
Designation of Indenting Officer

A
Signature, Head of the Department

विभागाध्यक्ष/Head of the Department
जंतु विभाग/Department of Zoology
With Office seal with Date:
जीविक विज्ञान विद्यापीठ/School of Basic Sciences
पंजाब केंद्रीय विश्वविद्यालय/Central University of Punjab
ग्राम एवं झरुघर घुडा (बठिन्डा)/VPO Ghudda, Bathinda

7

अनुलग्नक-क / Annexure-A

मांगकर्ता का नाम / Name of Indenter : Dr. Jyoti Parkash

विभाग का नाम / Name of Department: Zoology

उपकरण का नाम / Name of Equipment: Western Blotting Unit

क्रमांक Sr. No.	तकनीकी विनिर्देश Technical specifications	मात्रा Qty.
A.	<u>Vertical protein gel electrophoresis system with tank blotting</u> 1. The system should be able to run 4 gels simultaneously. 2. Number of cassette modules: 2 3. Should be able to run both hand cast gels and pre-cast gels. 4. It should require not more than 700-800 ml buffer for 2 gels, 4 gels: 1000 ml. 5. Thick glass spacer plate, plastic comb to create wells (10 or 15) 6. The Gel tank should be chemically resistant to electrophoresis protocol chemicals.	
B.	<u>Power Supply</u> 1. Output power in watts: 75W 2. Output voltage range 10VDC-300VDC 3. Output current range 4 mA-400mA 4. Operating Modes: Constant Voltage 1 V step, Constant Current 1 mA step, Constant power 1 watt step 5. Operating Modes: Constant Voltage, Constant Current 6. Timer: Up to 999 min per step 7. There should be minimum 4 output terminals . 8. Safety features No Load Detection, Load Change Detection, Overload Detection, Ground leak Detection. 9. Crossover: Automatic 10. Pause function: Yes 11. The system and power pack should be certified to meet safety standards. <u>Trans Blot System</u> 1. Efficient transfer of high- and low- MW proteins. 2. Transfers standard mini or midi gels in as little as 3 min at peak in favorable conditions. 3. Can transfer 1-4 mini or 1-2 midi gels in a single run. 4. No cooling period required between runs. 5. Specialized protocol for Mini-PROTEAN® TGX™ gel transfer in 3 min, No need to pre-equilibrate gels prior to transfer. 6. Ready-to-Assemble (RTA) Transfer Kits. 7. Kits should provide enough consumables for 40 blots.	

	8. Consists of pre-cut membranes, pre-cut filter pads, and specially formulated transfer buffer.	
	9. Kits available with nitrocellulose, PVDF, and low fluorescence.	
	वारंटी / Warranty	One Year
	वार्षिक रखरखाव अनुबंध / AMC	
	व्यापक रखरखाव अनुबंध / CMC	

Psharma
11/08/2020

(मांगकर्ता के हस्ताक्षर / Signature of Indenter)

यह प्रमाणित किया जाता है कि तैयार किए गए विनिर्देश पर्याप्त रूप से विस्तृत हैं और एकल निर्माता / आपूर्तिकर्ता से संबंधित नहीं है (स्वामित्वाधीन नहीं होने पर लागू) / It is certified that the specifications framed are wide enough and does not belong to single Manufacturer/ Suppliers (Applicable if not Proprietary).

A. K. Sharma
11/08/2020

विभागाध्यक्ष / HOD

Psharma

(मांगकर्ता के हस्ताक्षर / Signature of Indenter)