

All-India Institute of Medical Sciences
Ansari Nagar, New Delhi-29
(RESEARCH SECTION)

Ref. No. 22/Proprietary/Stores/Pediatric/KP/2018-19/RS

Dated: 26.11.2018

**Subject: Purchase of 2D Protein apparatus for the Deptt.of Pediatrics, AIIMS,
New Delhi-29 on proprietary basis- Inviting comments thereon.**

The request has been received from Dr.Kakali Purkayastha, Scientist, Deptt. of Pediatrics, AIIMS to purchase the subject item from M/s Bio-Rad Laboratories (India) Pvt. Ltd.(Mfg. by M/s.Bio-Rad Laboratories, California, USA) on proprietary basis. The proposal submitted by M/s Bio-Rad Laboratories(India) Pvt.Ltd..and Performa Invoice and Departmental PAC certifications are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference **No. 22/Proprietary/Stores/Pediatric./KP/2018-19/RS**. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **10/12/2018 upto 12:00 p.m.**, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

STORES OFFICER (RS)

Encl: Related documents enclosed.

- 1. PAC Certificate enclosed.**
- 2. Performa Invoice**

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI - 110029

RESEARCH SECTION

PROPRIETARY/SPECIFIC BRAND GOOD CERTIFICATE

1. Item/Type/Model no. required alongwith specification **2D PROTEIN SYSTEM**
2. Is the item a spare part/attachment or accessory for an existing equipment **NOT APPLICABLE**
3. Name of the manufactures/supplier of the item proposed by the indenter **BIORAD**
4. Are they sole manufacture/sole distributors of the item **YES.**
5. Is there any other item with similar/equivalent specification available in the market to meet the job requirement envisaged. If the answer is yes, way the same can't be procured. Demanding officer should bring out comparative functional advantages/cost effectiveness of the recommended item from these offered by other **NOT APPLICABLE**
6. What were the efforts made to locate alternative source of supply or use other substitutes. - **ALL THE ITEMS SPECIFIED ARE OF SAME COMPANY, INCLUDING HARDWARE, SOFTWARE & CONSUMABLES. MULTIPLE REACTIONS CAN BE PERFORMED AT THE SAME TIME**
7. Why open/limited tender can't be resorted to for locating alternative source
8. Are the proprietary item certify that the rates are reasonable or not **YES**
9. Any other justification for procuring item from single source. **AS ABOVE**

Signature of indenter
(Demanding officer)

DR. SUBHRADIN KAKALI
Assistant Professor
Dept. of Biochemistry
All India Institute of Medical Sciences
New Delhi - 110029

(Counter signed)
(Head of the Department)

I certify that the item at sr. no. 1 above is required to be procured on single tender basis as the source of the supply is definitely known/ the specified brand proposed was advantage in meeting our functional requirements and limited tender system could be dispensed with as they would serve no useful purpose in this particular case.
(strike out whichever is not applicable)

RP*

K. Kakali Purkayastha
DR. KAKALI PURKAYASTHA
BIOCARE, PI, DBT
CENT OF PEDIATRICS
DELHI-110029

Rashna Seth
DR. RASHNA SETH
Assistant Professor
Department of Pediatrics
All India Institute of Medical Sciences
New Delhi-110029

2D protein system

IEF Isoelectric Focusing, complete System: quantity 1

- Should have Basic Unit, Positive & negative electrode assembly, power range 100–240 VAC
- Should have at least
 - Individual Lane Control & flexibility of running multiple experiments at once
 - Touch Screen User Interface, Easy run programs- high QVGA resolution (320 x 240) touch screen/ mouse control
 - Rehydration/sample buffer, leveling bubble, & instruction manual
 - 1 V increments Current per lane 0–100 μ A, Peltier platform in the temperature 10–25°C
 - 50/60 Hz Voltage range per lane 50–10,000 V
 - All consumables and accessories for 150 complete experiments

2 D analysis Software, complete-advanced version; quantity 1

- comprehensive & flexible, easy, User-friendly, application-directed software for 2-D gel analysis, additional license Integration with the Spot Cutter Seamless integration
- Software should be upgradable & updated for the warranty & CMC period.

Power Supply universal, complete system; quantity 2

- Should have at least
 - The Output range (programmable) of 10–500 V with fully adjustable in 1 V steps.
 - Output with Constant voltage with automatic crossover, 4 pair jacks in parallel
 - Adjustable timer (3-digit LED display, 1 min–40 hr), fully adjustable Pause/resume function
 - Operating conditions in the range of 0–40°C, 0–90% humidity or better
 - Safety features of No-load detection, sudden load change detection, overload/short-circuit detection, overvoltage protection or better

Vertical 1D, Midi gel complete system: quantity 1

Should have at least

- 1.0 mm gel thickness casting stand; 2 liters, 10 X running Buffer
- 2 casting frames, 4 each: combs, plates to accommodate at least 16X16cm gel size
- All consumables and accessories for 150 complete experiments

Semi dry blot, complete system: quantity 1

Should have at least

- Gel holder cassettes (accommodate the gels specified in 1D systems)
- All consumables and accessories for 150 complete experiments (size as of vertical 1D gel).

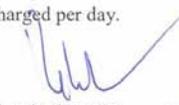
General mandatory features for all systems

- Compliance- U.S. FDA 21 CFR Part 11, Regulatory certification- EN-61010, European CE, US FDA
- 5 years of warranty & additional 5 years of CMC after the warranty
- All the hardware, software & consumables should be from the same parent company.
- Laptop (i5, 15" LED, 8GB, 1TB HDD, with windows 10) & printer for software & data storage
- 2KVA online UPS
- Installation & demonstration should be performed at the institute, within 25 days/ else penalty clause of 25 machines cost will be charged per day.

डॉ. रचना सेठ
Dr. RACHNA SETH
आचार्य / Professor
माल रोग विभाग / Dept. of Pediatrics
अ.भा.आ.सं. / A.I.I.M.S.
नई दिल्ली / New Delhi-110029

Prof. Rachna Seth
(Indentor)


Dr. Subhradip Karmakar
(Faculty, Biochemistry Department)
DR. SUBHRADIP KARMAKAR
Assistant Professor
Dept. of Biochemistry
All India Institute of Medical Sciences
New Delhi - 110029


Prof. Rakesh Lodha
(Representative, HOD
Pediatrics)
आचार्य / Professor
माल रोग विभाग / Dept. of Pediatrics
अ.भा.आ.सं. / A.I.I.M.S.
नई दिल्ली / New Delhi-110029

Dr. Kanika Jain
(Representative, M.S.)
सहायक आचार्य / Assistant Professor
अस्पताल प्रशासन विभाग / Dept. of Hospital Administration
अखिल भारतीय आयुर्विज्ञान संस्थान / AIIMS
अंसरी नगर, नई दिल्ली / Anson Nagar, N. D.-29


Prof. Rajkumar Yadav
(Faculty, Physiology Department)

Dr. Kakali Purkayastha
(DBT, BioCaRe Scientist)
DR. KAKALI PURKAYASTHA
BIOCARE, PI, DBT
DEPARTMENT OF PEDIATRICS
NEW DELHI-110029



**Bio-Rad
Laboratories, Inc.**

Corporate Offices
1000 Alfred Nobel Drive
Hercules, California 94547
Phone: 510-724-7000
Fax: 510-741-4048

24th February 2017

Authorization Letter

This is to certify that Bio-Rad Laboratories (India) Pvt. Ltd., having its registered office at Plot # 1270, Basement Lal Dora, Village Kapashera, Opposite Fun & Food Village, New Delhi – 110037, Phone – 91 -11-25065913, CIN – U32109DL1996PTC078494, Certificate of Incorporation No. 55-78494 dated 25.04.1996, with a head office at Plot # 86-87, Udyog Vihar, Phase – IV, Gurgaon – 122015, Haryana, India, and respective branch offices in Ahmedabad, Pune, Mumbai, Hyderabad, Bangalore, Chennai, Kolkata, Lucknow and Kochi (together "Bio-Rad India"), is a wholly owned subsidiary of Bio-Rad Laboratories, Inc., located at 1000 Alfred Nobel Drive, Hercules, California 94547, USA. This letter supersedes all previous letters on this matter. We hereby confirm the following:

- Bio-Rad Laboratories, Inc. and its subsidiaries and affiliated companies manufacture Bio-Rad products.
- Bio-Rad India is a wholly owned subsidiary of Bio-Rad Laboratories, Inc. and is authorized to import, stock, market, supply, sell, install, distribute, service, maintain and extend warranties for Bio-Rad products, and to quote and submit tender documents, clarifications, and to negotiate the sale and supply of Bio-Rad products manufactured by Bio-Rad Laboratories, Inc. or any of its affiliated companies worldwide in response to enquiries and tenders issued by customers, including without limitation, government hospitals and organizations, and private customers, in India, Sri Lanka, Nepal, Bhutan, Mauritius, Bangladesh, Maldives and Seychelles in local currency or United States Dollars ("USD") currency.
- Bio-Rad India is authorized to appoint distributors to import, stock, market, supply, sell, install, distribute, service, maintain and extend warranties for Bio-Rad products; and to quote and submit tender documents, clarifications, and to negotiate the sale and supply of Bio-Rad products manufactured by Bio-Rad Laboratories, Inc. or any of its affiliated companies worldwide in response to enquiries and tenders issued by customers, including without limitation, government hospitals and organizations, and private customers, in India, Sri Lanka, Nepal, Bhutan, Mauritius, Bangladesh, Maldives and Seychelles.
- Bio-Rad Laboratories Inc. does not supply directly to any customers in India, Sri Lanka, Nepal, Bhutan, Mauritius, Bangladesh, Maldives and Seychelles; and all pre and post sales and marketing activities are conducted by its subsidiaries and affiliated companies.
- Bio-Rad India and/or its distributors are authorized to provide USD quotes to, and place USD currency orders for, customers based in India, Sri Lanka, Nepal, Bhutan, Mauritius, Bangladesh, Maldives and Seychelles to Bio-Rad Pacific Ltd. (Business Registration Certificate # 13264780-000-01015-0), located at Unit 1101, 11/F, Berkshire House, 25 Westlands Road, Quarry Bay, Hong Kong, which will issue the sales documentation, and coordinate the delivery of products for these customers.
- Bio-Rad Laboratories, Inc. guarantees its support to Bio-Rad India by maintaining the continuity of supply of Bio-Rad products if a tender/contract/purchase order is awarded to Bio-Rad India.
- This authorization letter is valid for 24 months from the date of issuance.

For and on behalf of
Bio-Rad Laboratories, Inc.

Lee Boyd
Senior Vice President, Global Commercial Operations, Asia





Bio-Rad
Laboratories, Inc.

Life Science Group
2000 Alfred Nobel Drive
Hercules, California 94547
Phone: 510-741-1000
Fax: 510-741-5800

PROPRIETARY CERTIFICATE

This is to certify that the **PROTEAN® i12™ IEF product line, p/n 1646000 and 1646001** are products of Bio-Rad Laboratories, Inc., 1000 Alfred Nobel Drive, Hercules, California 94547 USA, which are covered by the following US patents and related applications owned by Bio-Rad Laboratories, and foreign equivalents thereto:

U.S. Patent No. 5,632,877 (Rapid Assembly Electrophoresis Cell for Slab Gels), Issued 27 May 1997, Expires 27 May 2016

U.S. Patent No. 8,282,803 (Isoelectric Focusing Tray and Electrode assembly for Alternate Gel Strip Orientations), Issued 09 Oct 2012, Expires 05 Nov 2030

U.S. Patent No. 6,655,649 (Assembly for Casting and Use of an Isoelectric Focusing Strip), Issued 02 Dec 2003, Expires 11 Mar 2022

For Bio-Rad Laboratories Inc.

Authorized Signatory

Patricia Gee
Regulatory Affairs Representative



Bio-Rad
Laboratories, Inc.

Life Science Group
2000 Alfred Nobel Drive
Hercules, California 94547
Phone: 510-741-1000
Fax: 510-741-5800

PROPRIETARY CERTIFICATE

This is to certify that the *PROTEAN® II xi product line, p/n 1651801, 1651802, 1651803, 1651804, 1651811, 1651812, 1651813, and 1651814* are products of Bio-Rad Laboratories, Inc., 1000 Alfred Nobel Drive, Hercules, California 94547 USA, which are covered by the following US patents and related applications owned by Bio-Rad Laboratories, and foreign equivalents thereto:

U.S. Patent No. 5,632,877 (Rapid Assembly Electrophoresis Cell for Slab Gels), Issued 27 May 1997, Expires 27 May 2016

U.S. Patent No. 8,282,803 (Isoelectric Focusing Tray and Electrode assembly for Alternate Gel Strip Orientations), Issued 09 Oct 2012, Expires 05 Nov 2030

For Bio-Rad Laboratories Inc.

Authorized Signatory

Patricia Gee
Regulatory Affairs Representative



**Bio-Rad
Laboratories, Inc.**

Life Science Group
2000 Alfred Nobel Drive
Hercules, California 94547
Phone: 510-741-1000
Fax: 510-741-5800

PROPRIETARY CERTIFICATE

This is to certify that **Trans-Blot® SD Semi-Dry Electrophoretic Transfer Cell p/n 170-3940** is a product of Bio-Rad Laboratories, Inc., 1000 Alfred Nobel Drive, Hercules, California 94547 USA, which is covered by the following US patents and related applications owned by Bio-Rad Laboratories, and foreign equivalents thereto:

U.S. Patent No. 8,075,755 (Polymeric Sorbent Sheets for Western Blotting), Issued 13 Dec 2011,
Expires 16 Nov 2029

U.S. Patent No. 8,444,839 (Polymeric Sorbent Sheets for Western Blotting), Issued 21 May 2013,
Expires 13 Dec 2027

For Bio-Rad Laboratories Inc.

Authorized Signatory

Patricia Gee
Regulatory Affairs Representative



Bio-Rad
Laboratories, Inc.

Life Science Group
2000 Alfred Nobel Drive
Hercules, California 94547
Phone: 510-741-1000
Fax: 510-741-5800

PROPRIETARY CERTIFICATE

This is to certify that **PowerPac™ Universal Power Supply p/n 164-5070** is a product of Bio-Rad Laboratories, Inc., 1000 Alfred Nobel Drive, Hercules, California 94547 USA, which is covered by the following US patents and related applications owned by Bio-Rad Laboratories, and foreign equivalents thereto:

U.S. Patent No. 7,324,354 (Wide Range Power Supply), Issued 29 Jan 2008, Expires 06 Jul 2026

For Bio-Rad Laboratories Inc.

Authorized Signatory

Patricia Gee
Regulatory Affairs Representative



Bio-Rad
Laboratories (India) Private Limited
(A wholly owned subsidiary)

CSMAAF Digital Complex, 3rd Floor
Tower A, Sector-01, Golf course extension,
Gurgaon-122002
Tel : 91-121-6286000
Email : sales.india@bio-rad.com
Tech Support : info@bio-rad.com, csmaaf@bio-rad.com
www.bio-rad.com
GST No: 03AAACE3232A129



Registered Office: Plot No. 1270 Basement, Lal Darga, Village KhasaPur,
Opposite Puri Food Village, New Delhi - 110037. Tel: 91-11-25035812
CIN No. - U3210-DL1988PTC078434. GST No. 07AAACE3232A129

Dr. Rachna Seth
Department of Pediatrics
All India Institute of Medical Sciences
Ansari Nagar, New Delhi -110029

Ref no: DEL/LSG/RK/01/18-19
Dated: 11/10/2018

PERFORMA INVOICE

Catalog #	Description	Qty	Spl. Discounted Unit Price INR	Spl. Discounted Price Final Price INR
1646000	Protean i 12 IEF Isoelectric Focussing System, 90-240VAC, Includes: Basic Unit, Positive & negative electrode assembly, 7, 11, and 17 cm focusing trays, 1 pack each of 7, 11, and 17 cm rehydration/equilibration trays, 2 pairs of forceps, 2 packs of electrode wicks for gel-side down and gel-side up applications, mineral oil, 2 cleaning brushes, cleaning concentrate, 2 USB flash drives, 3 styluses, pH 3-10 ReadyStrip IPG strips (7, 11, and 17 cm lengths), rehydration/sample buffer, leveling bubble, and instruction manual. Consumables for 150 samples.	1	₹ 1,332,000.00	₹ 1,332,000.00
	Features: The PROTEAN i12 IEF system offers individual lane control—a novel feature that allows multiple lanes to be run simultaneously, each with a different sample, pH gradient, and protocol, resulting in time savings and improved reliability. The flexible system works with ReadyStrip™ IPG strips to provide many separation range options. The PROTEAN i12 IEF system provides a unique solution for first-dimension separations. Individual Lane Control Optimize experiments in fewer runs Run multiple experiments at once Obtain better quality data with less experimental risk—one, irregular sample cannot compromise the entire run. Touch Screen User Interface Easily run programs and edit and create protocols Flexible Electrode and Tray Design. Run IPG strips gel-side down or gel-side up or load sample with cups, all within the same tray. Durable polycarbonate trays supply sufficient heat transfer for accurate and reproducible pI determination Specifications: Input power 100-240 VAC, 50/60 Hz Voltage per lane 0, 50-10,000 V, 1 V increments Current per lane 0-100 µA, 1 µA intervals Power per lane 0-1 W Peltier platform temperature 10-25°C Display QVGA resolution (320 x 240) touch screen or mouse control			

1709630	<p>PDQUEST-ADVANCED SW, FEATURES: PDQuest software offers comprehensive and flexible 2-D gel analysis. Choose PDQuest Basic software for simple 2-D gel analysis or PDQuest Advanced software for comprehensive functionality used in 2-D gel-based expression proteomics studies. Whether you choose the basic or advanced version, the sophisticated analysis tools reveal subtle differences among 2-D gels. Powerful auto-matching algorithms quickly and accurately match gels with little or no manual intervention. Ease of Use User-friendly, application-directed user interface. Quick guides and wizards simplify the workflow through the major applications of the software, from imageacquisition to output of analyzed data and spot cutting On screen, context-sensitive help</p>			
	<p>Right-click menus for quick access to common commands True multiplatform files for PC and Mac</p>			
1651803	<p>PROTEAN II xi Cell, Large format vertical electrophoresis cell, 16 x 16 cm gel size, 4 gel capacity, includes four 1.0 mm spacers, two 15-well combs, 2 sets of glass plates, 2 sets of sandwich clamps, casting stand, upper buffer dam, alignment card with leveling bubble</p>	1		
1703940	<p>Trans-Blot® SD Semi-Dry Electrophoretic Transfer Cell, Semi-dry electrophoretic transfer cell, includes agarose gel support frame, extra thick blot paper in 4 sheet sizes. The Trans-Blot® SD semi-dry transfer cell allows fast, efficient, and economical blotting without a buffer tank or gel cassettes. Western, Southern, or northern transfers can be completed in 15–60 min with minimal buffer requirements. The Trans-Blot SD semi-dry electrophoretic transfer cell includes the cell, one Trans-Blot SD agarose gel support frame, and four packs of extra thick blot paper (60 sheets each, 7 x 8.4 cm, 8 x 13.5 cm and 30 sheets each, 14 x 16 cm, and 18 x 18.5 cm).</p>	1		
1645070	<p>PowerPac™ Universal Power Supply, 100–120/220–240 V, power supply for a broad range of electrophoresis and blotting applications, includes power cord Volts: 10-500 V, fully adjustable in 1 V steps Current: 0.01- 2.5A, fully adjustable in 0.001 A steps Power: 1-500 W, fully adjustable in 1 W steps Type of output: Constant voltage, constant current, or constant power with automatic crossover Timer: 1-99 hrs 59 min, fully adjustable Volt hour control: 99000 v-Hr Programmable No of output: 4 Safety features: No-load detection, sudden load change detection, ground leak detection, overload/short circuit protection, overvoltage detection, input line protection, auto power-up after power failure</p>	2		
NPN	<p>HP 280 G3 MT Business Desktop Intel Core i-5 Processor, 4GB DDR-2400MHz/ 500 GB SATA HDD, DVD-RW/ US Keyboard & USB Optical Mouse, USB Ports, gigabit LAN Ports, one PCI Slot & one Serial port, MS Windows 7 Professional 64-bit Preloaded, HP 18.5" wide LED Monitor,</p>	1		

NPN	APC 2KVA online UPS (SRC2000LI-CC) with Inbuilt battery 10-15 minutes Backup	1	
NPN	Printer (Local Supply)	1	
	Total Ex - Woork Spl. Discounted Price		₹ 1,332,000.00
	Taxes: GST@5%(Against document)		₹ 66,600.00
	For Destination AIIMS		₹ 1,398,600.00

Terms and Conditions

- 1 Validity : 120 Days
- 2 Delivery: 3-4 weeks from the date we receive your confirm order.
- 3 Payment : 100% on delivery via DD or wire transfer in favor of Bio-Rad Laboratories India Pvt. Ltd. The bank details
Citi Bank N.A., Jaccaranda Marg, Phase II, Gurgaon
Branch Code- 004
A.c No- 0003483247
MICR Code-110037004
Authorized Dealer Code of Citibank- 6480003-2900009
SWIFT Code- CITIINBXXX
RTGS/IFSC- CITI0000014
ROUTING No.- 36241797
- 4 Order to be placed in favor of Bio-Rad Laboratories (India) Pvt Ltd
EMAAR Digital Greens, 9th Floor, Tower A, Gulf course extension,
Gurugram - 122102, Tel: 91-124-4029300
- 5 Warranty = 5 Year
- 6 CMC charge from 6th to 10th Rs. 65000/Year with increment of 10% plus servicxe taxes extra as applicable.

For,

Bio-Rad Laboratories (India) Pvt. Ltd.



Rahul Kumar-Senior Account Manager
Mob no: 9582741175