

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

Ref. No. 59/Stores/Biophy/KKI/2017-18/RS

Dated: 06.03.2018

Subject: Purchase of Preparative Gel Electrophoresis, for the Deptt. of Biophysics, AIIMS, New Delhi-29 on proprietary basis- Inviting comments thereon.

The request has been received from Dr. Krishna K. Inampudi, Deptt. of Biophysics, AIIMS to purchase the subject item from M/s Bio-Rad Laboratories (Mfg. by M/s Bio-Rad Laboratories Inc., USA) on proprietary basis. The proposal submitted by M/s Bio-Rad Laboratories Inc., USA 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. 59/Stores/Biophy/KKI/2017-18/RS**. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **20/03/2018 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. Departmental PAC Certificate enclosed.**
- 2. Performa Invoice**



Bio-Rad
Laboratories (India) Pvt Ltd
(A wholly owned subsidiary)

"Bio-Rad House", Plot # 86-87
Udyog Vihar Phase - IV
Gurgaon-122015, Haryana
Phone: 91-124-4029300
Fax: (91)-124-2398115
E-mail: sales.india@bio-rad.com
Tech Support: 1800 180 1224, 09873177477
Website: www.bio-rad.co.in



Registered Office: plot No. 1270 Basement, Lal Dora, Village Kapashera
Opposite Fun-Food Village, New Delhi-110037 Phone: 91-11-25065913
CIN No :- U32109DL1996PTC078494

Ref No: DLI/LSG/RK/AIIMS/01/17-18

Dated: 08-11-2017

Dr. Krishna Kishore Inampudi
Assistant Professor
Department of Biophysics
All India Institute of Medical Sciences
Ansari Nagar, New Delhi – 110029, India

Catalog #	Description	Qty	Price in USD
1702927	Model 491 Prep Cell	1	\$27,500.00
	Specification :		
	The Model 491 separate biomolecules quickly and efficiently by continuous-elution electrophoresis. Samples are electrophoresed through a cylindrical gel matrix, where they are separated into ring-shaped bands. As individual bands migrate off the bottom of the gel, they are collected in discrete liquid fractions available for assay and characterization.		
	Allow resolution of proteins differing in molecular weight by as little as 2% Separate up to 500 mg of total protein Can be used as a complementary separation strategy to 2-D gels as well as for downstream protein purification		
	Sample load capacity 1–500 mg		
	Sample volume 500 µl to 15 ml		
	Dimensions (diameter x H) 7.5 x 14"		
	Voltage limit 500 V		
	Current limit 40 mA		
	Power limit 20 W		
	Elution buffer flow rate 1 ml/min		
731-8120	Model 2110 Fraction Collector, 220 V	1	Included

I. Krishna Kishore

731-8162	Model EM-1 Econo™ UV Monitor, 220 V	1	Included
731-8254	Model 1327 Chart Recorder	1	Included
731-9002	Econo™ Gradient Pump Kit, 220/240 V	1	Included
164-5056	PowerPac™ HV Power Supply, High Voltage, 100–120/220–240 V	1	Included
	Total Ex-Works Discounted Prices : USD		\$27,500.00
	Packing & Forwarding		\$250.00
	Airfreight & Insurance		\$250.00
	CIP New Delhi		\$28,000.00

NOTE: CMC After 5 year Warranty = 2500USD/Per Year

STANDARD TERMS AND CONDITIONS OF US DOLLORS SALES:

1. Validity of Quote : 180 days
2. Payment Terms: 100% advance Wire transfer payment./Advance Demand Draft
3. Port of Shipment : USA
4. Country of Origin : USA
5. THE PURCHASE ORDER SHOULD BE IN FAVOR OF :

BIO-RAD PACIFIC LIMITED
UNIT 1101, 11/F, DCH COMMERCIAL CENTRE,
25 WESTLANDS ROAD, QUARRY BAY,
HONG KONG
TEL: (852) 27893300, FAX No.(852) 27891257

6. BANKER DETAILS :

Bio-Rad Pacific Limited
Standard Chartered Bank (Hong Kong) Ltd.
88 Des Voeux Road, Central, Hong Kong
Swift : SCBLHKHHXXX
Account : 416-2-036878-9

7. Delivery time : 4-6 weeks from the date of confirmed order.
 8. Warranty = 5 year
- For,

Bio-Rad Laboratories (India) Pvt. Ltd.



Rahul Kumar-Senior Account Manager
Mob no: 9582741175

I. Krishna Kohore



Bio-Rad
Laboratories (India) Pvt Ltd
(A wholly owned subsidiary)

No. 2/2, 82 Floor, C.B. Royale
Dr. Rajkumar Road, 4th 'N' Block, Rajaji Nagar
Bangalore 560010
Tel : (91)-80-23128253 / 41486367, Fax: (91)-80-23128254
E-mail : sales.india@bio-rad.com
Tech Support : 1800 180 1224, 09873177477
www.bio-rad.com



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CIN No. : U32109DL1999PTC078494

BRI/LSG/Delhi/AIIMS/009/17

26th December, 2017

To

**The Director,
All India Institute of Medical Sciences,
Ansari Nagar,
New Delhi. -110029**

Sub: Price list

Dear Sir,

With reference to the above subject, we would like to offer list Price of item quoted in the quotation
(Ref No: DLI/LSG/RK/AIIMS/01/17-18, dated 08.11.2017).

Cat No	Item	List Price(USD)
170-2927	Model 491 Prep Cell	9975
731-8120	Model 2110 Fraction Collector, 220 V	3960
731-8162	Model EM-1 Econo™ UV Monitor, 220 V	7035
731-8254	Model 1327 Chart Recorder	6990
731-9002	Econo™ Gradient Pump Kit, 220/240 V	6340
164-5056	PowerPac™ HV Power Supply, High Voltage, 100-120/220-240 V	3230

Yours faithfully

For Bio-Rad Laboratories (India) Pvt. Ltd.



Authorized Signatory

I. Krishna Kumar



Bio-Rad
Laboratories, Inc.

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



PROPRIETARY LETTER

This is to certify that the **Model 491 Prep Cell p/n 170-2927** are products of Bio-Rad Laboratories, Inc., 1000 Alfred Nobel Drive, Hercules, California 94547 USA. They include a 220/240 V, continuous-elution electrophoresis cell, 1–500 mg/0.5–15 ml sample capacity (mass/volume) and includes pump, and starter kit with protein standard. These systems are manufactured and sold exclusively by Bio-Rad Laboratories in the USA and worldwide.

For Bio-Rad Laboratories Inc.

Patricia Gee
Authorized Signatory

Patricia Gee
Regulatory Affairs Representative
Bio-Rad Laboratories Inc.
Life Science Group
Tel (510)741-6374

D. Krishna Kumar

BIO-RAD

**Bio-Rad
Laboratories**

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



PROPRIETARY CERTIFICATE

This is to certify that these instruments are products of Bio-Rad Laboratories Inc. 1000 Alfred Nobel Drive, Hercules, California 94547 USA.

731-8120 Model 2110 Fraction Collector, 220 V
731-8162 Model EM-1 Econo™ UV Monitor, 220 V
731-8254 Model 1327 Chart Recorder
731-9002 Econo™ Gradient Pump Kit, 220/240 V

These products are manufactured and sold exclusively by Bio-Rad Laboratories in the USA and worldwide.

Authorized Signatory

Patricia Gee

Patricia Gee
Regulatory Affairs Representative
Bio-Rad Laboratories Inc.
Life Science Group
Tel (510)741-6374

I. Krishna Ashore



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™ HV Power Supply p/n 164-5056** 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

(7)

Specification for preparative gel electrophoresis (Approximate cost 15 Lakhs)

Preparative gel electrophoresis should have following detailed specifications: Preparative gel electrophoresis unit should separate DNA, RNA and protein samples from 1 mg to 500 mg range and the unit including appropriate accessories.

1. It must separate biomolecules quickly and efficiently by continuous elution electrophoresis.
2. It must deliver purified Proteins, Nucleic acids, and other Biomolecules in discrete liquid fractions and in sufficient quantity for sequencing, antibody production, crystallography, and other downstream applications.
3. Its resolution of proteins differing in molecular weight by as little as 2%. SDS-PAGE purify molecules that differ in mass by 1000Da. Native PAGE purify molecules with isoelectric points that differ by as little as 0.1pH unit. Agarose gel electrophoresis purify large proteins or DNA fragments (up to 18kb)
4. It should purify nanograms to milligrams of target molecules. Sample Capacity should be between 1-500mg/0.5-15ml.
5. Cylindrical Gel Tube Dimensions must be: 26-28 and 35-37 mm ID, 14-16 cm length.
6. Vendor must provide gel castor for gel casting assembly and buffer recirculation pump. Vendor must also provide one spare gel casting tube.
7. Vendor must provide additional five pieces of dialysis and five pieces of elution frit compatible to the above-mentioned gel.
8. Cooling must be: Glazed alumina-ceramic tube
9. Electrical Limits must be: 500V, 40mA, 20W
10. Elution Buffer Flow Rate must be: 0.5 ml to 1ml/min
11. Vendor must provide suitable High Voltage Power Pac that has these specifications: Output range (programmable), Volts: 20-5000 V, Current: 1-500mA, Power: 1-400 W, Type of output: Constant voltage, constant current, or constant power and constant temperature, Automatic crossover, Timer: 1 min-99 hr, 59min, Volt-hour control, 99000 volt-hours, Pause/resume function, Automatic recovery after power failure.
12. Preparative gel electrophoresis unit must required these auxillary equipment: Fraction Collector, power supply, peristaltic pump
13. It must have fraction collector to collect the samples from the gel electrophoresis. It should have compatibility with 5 ml fractions and as well as 96 well plate and should provide both platforms.
14. UV monitor must be there to track the fluorescence of the biomolecules for two wavelengths. One is at 280 nm and second one is at 260nm.
15. It must contain chart recorder that can record two wavelengths (both 280 & 260 nm) simultaneously.
16. Peristaltic pump must be providing for isocratic and gradient elution from the Preparative gel electrophoresis unit. And it must be compatible with Preparative gel electrophoresis unit, chart recorder, fraction collector and UV monitor
17. Five years warranty including maintenance and all accessories spare parts for full functioning of the system plus 5 years CMC including the spare parts and labor.
18. System must be CE (Europe) certified and certification should be provided.