भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान बरहमपुर
Indian Institute of Science Education and Research Berhampur
Established by the Ministry of Education, Govt. of India

NIQ No. IISERBpr/NIQ/CHM/2024-25/08 **Date: September 06, 2024**

NOTICE INVITING QUOTATIONS

Indian Institute of Science Education and Research (IISER), Berhampur, is an autonomous Institute established under Ministry of Education, Government of India. Quotations are invited from prospective bidders for supply of lab consumables. All prospective suppliers are requested to submit their quotations on or before the end date/time of submission in the following ways:

- By speed post to reach the specified address / drop the sealed quotation in tender box kept at the Security Desk of Institute.
- By email to purchase@iiserbpr.ac.in. The scanned soft copy (pdf) of the quotation should be password protected. The password will be obtained from the suppliers at the specified time of opening of NIQ. The unprotected soft copy of quotation may be rejected.

The sealed envelope should be duly super-scribed OR the subject of email providing soft copy of the quotation should be as follows: ***"Quotation for supply of*** **Electrophoretic Apparatus for EMSA with Accessories** ***vide NIQ No. IISERBpr/NIQ/CHM/2024-25/08 dated*** **September 06, 2024**"

GEM GARPTS No.	GEM/GARPTS/09082024/KCK8VGB8V8HY
Indent No.	IISERBpr/2024-25/CHM/B0089/212 dated 09/08/2024
NIQ No.	IISERBpr/NIQ/CHM/2024-25/08
NIQ Date:	September 06, 2024
Brief Description of the item to be procured	Quotation for supply of "**Electrophoretic Apparatus for EMSA with Accessories"** (Specifications as per Annexure- 1)
Quantity	**"01"**
Delivery Period (Days/weeks):	6 weeks from the release of Purchase Order
Delivery Location:	IISER Berhampur, Permanent Campus, Vigyanpuri, At/Po: -Laudigam, Konisi, Dist. Ganjam, Odisha-760003,
Estimated value	₹5,99,218/-
NIQ Submission End Date & Time of submission	**September 13, 2024, 15:00 hr**
NIQ Opening Date, Time & Venue	September 13, 2024 at 15:45 hr (Store & Purchase Office)
Delivery:	(i) FOR IISER Berhampur (ii) LD Charges @0.5 % per week for late delivery.
Payment Terms.	100 % after successful delivery and installation.
Address for submission of NIQ:	The Stores & Purchase Officer IISER Berhampur, Transit Campus, Govt. ITI Building Engineering School Road Berhampur – 760010 Through email: purchase@iiserbpr.ac.in (strictly as per the above directive)
Award of Contract:	The bidder who quotes the Lowest amount shall be awarded the contract
Warranty (Onsite)	1 Year compressive onsite warranty from the date of installation.
For technical Clarifications please contact:	Dr. Sulakshana P Mukherjee E-mail: spmukherji@iiserbpr.ac.in
NIQ Inviting Authority:	Stores and Purchase Officer for and on behalf of Director, IISER Berhampur Tel. No.0680 2227-728/705

06/09/2024.

Stores & Purchase Officer

06/09/24

(NIQ NO. IISERBpr/NIQ/CHM/2024-25/08 dated September 06, 2024)

Annuxure-1

Technical Specification:

Large format vertical electrophoresis cell

- 16 x 20 cm gel size,
- 4 gel capacity, includes four 0.75 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.
- Accommodates hand cast gels
- Patented single-screw clamps on the casting stand that exert uniform pressure along the entire length of the glass plates provide a leak-proof seal without agarose plugs or grease
- Central cooling core can be connected to tap water or a cooled recirculating bath, or filled with coolant, providing smile-free patterns with as little as 1.5 L buffer
- Choice of glass plates, spacers, and sandwich clamps to cast 2 gel lengths, 16 or 20 cm
- Ability to cast multiple gradient gels using the PROTEAN II multi-gel casting chamber, the Model 495 gradient former, and the appropriate exponential piston. Use of the gel clip facilitates handling of large gels
- Notched plates allow up to four 16 x 16 cm or 16 x 20 cm handcast gels to be run simultaneously (not recommended for 2-D applications)
- Optional frosted glass plates for high-resolution vertical agarose gel electrophoresis of nucleic acids
- Comb conversion screws convert any PROTEAN II xi comb from a standard 25 mm well depth to a 10 mm depth to simplify comb removal.

Electroeluter assembly

- Electro-eluter is an electro elution cell for preparative recovery of biomolecules from agarose and acrylamide gels.
- The eluter combines with the tank and lid of the Mini Trans-Blot cell (or older Mini-PROTEAN II or Mini-PROTEAN 3 cells) to elute macromolecules from single or multiple gel slices. Easy to assemble, the electro-eluter has six vertical glass tubes connecting the upper and lower buffer chambers. A frit at the bottom of each tube retains the gel slice but permits macromolecules to migrate through when current is applied. When the macromolecules have passed through the frit, they are collected in the membrane cap for further analysis or testing.
- Depending on the buffer system, the Model 422 electro-eluter can be used for elution or dialysis. Setup is quick and easy and the sample is collected in 400–600 µl. The Model 422 electro-eluter can be used for one to six samples without increasing the run time (3–5 hr) or decreasing sample yield.

Universal Power Supply Specifications

Output specifications	500 V, 2.5 A, 500 W
Output range (programmable)	10–500 V, fully adjustable in 1 V steps 0.01–2.5 A, fully adjustable in 0.001 A steps 1–500 W, fully adjustable in 1 W steps
Type of output	Constant voltage, constant current, or constant power with automatic crossover
Output terminals	4 pair recessed banana jacks floating in parallel
Timer control	1 min–99 hr 59 min, fully adjustable Volt-hour control 99,000 V-hr
Pause/resume function	Yes

Programmable methods	Stores 9 methods, each with up to 9 steps
Real-time clock	Yes
Automatic recovery after power failure	Yes
Display	128 x 64 pixel, backlit graphics LCD
Safety compliance	EN61010 EMI Conforms to CE standards for emissions and immunity class A, tested at 120/230 V. TÜV EMC certification
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
Input power (nominal)	100–120/220–240 VAC, 50/60 Hz
Autoswitching	Yes
Operating conditions	0 – 40°C, 0 – 95% humidity in the absence of condensation
Dimensions (W x L x H), cm/in	27.5 x 34 x 10 / 10.8 x 13.4.x 3.9
Weight, kg/lb	2.5 / 5.5

06/09/2024

Stores & Purchase Officer

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान बरहमपुर
Indian Institute of Science Education and Research Berhampur
Established by the Ministry of Education, Govt. of India

QUOTATION FORMAT

Ref : IISER Berhampur, NIQ No. _____ Dt. _____

Name of the Firm: _____ Name of Proprietor _____

Address _____

Quotation No. _____ Dt. _____

Mob No. _____ E-Mail: _____

GSTN. _____ Registration /License No. _____

PAN No. _____

Brief description of the material to be supplied: -

Sl.	Description of item	Qty	Unit Price	Discount Offered	GST %	Total cost with GST
1	**Electrophoretic Apparatus for EMSA with Accessories**	**01**				
					Total Rs.	

(a) Whether able to supply the said goods with GST Exemption certificate, as research equipment / computer, computer peripherals, software and hardware etc supplied to our institute will attract only 5% GST. Yes /No.

(b) All above prices are F.O.R. IISER Berhampur.

(c) 100% Payment will be made after delivery and installation within 30 days from date of supply and installation.

(d) Validity of quotation 30 days (e) Delivery period _____ (days/weeks)

(f) Warranty details _____

(g) Bank Account Details: Name of A/c Holder _____
Bank Name _____ A/c No. _____
IFSC _____

Certified that I Hereby accepted all terms and conditions of NIQ under reference.

Seal of the firm _____ Signature _____