



VIDYASAGAR UNIVERSITY

MIDNAPORE-721102, WEST BENGAL, INDIA

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Ref. No.- VU/ FO /TENDER/55/2019

Dated-13.8.19

Tender Notice

Sealed quotations are invited from the reputed manufacturers, suppliers for procurement of Instruments [Gradient PCR], for **Biophysics and Electrophysiology with Structural Biology laboratory** under **Dr. Sandip Kumar Sinha, Department of Human Physiology with Community Health**, Vidyasagar University. The quotations are to be submitted to **Finance Officer**, Vidyasagar University, and Paschim Medinipore- 721102. Last date of submission of quotation is on **20.08.19**.

Eligibility criterion of participation in the tender:

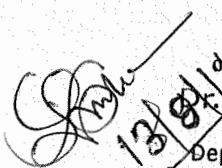
- Bonafide, resourceful and reliable Vendors.
- An undertaking should be given stating thereby that the firm has not been debarred or penalized for any reasons out of work by any Government Department.
- Subletting of suppliers is strictly prohibited.
- The prospective bidders must have valid upto date clearance of Income Tax return / Professional Tax clearance certificate / P.T (Deposit Challan) / PAN Card / **GST registration certificate**.
- The suppliers who have been delisted or debarred by any government department shall not be eligible in any way.
- Past performance for vender will be judged (please attached three largest clients other than the Vidyasagar University).
- Rate is to be inclusive of all taxes and transport charges etc.


13/8/19

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- Details specifications of the Gradient PCR are given below:

Sl. No	Quantity	Description
1.	1 unit	<p style="text-align: center;">Gradient PCR</p> <p>T 100 Thermal Cycler includes 96-well thermal cycler, power cord, tube support ring</p> <p>Specifications :</p> <p>Thermal Cycler</p> <ul style="list-style-type: none"> ➤ Input power: 220-240 VAC; 50-60Hz, 670 W (max.) ➤ Display : 5.7" VGA color touch screen ➤ Port : 1 USB A ➤ Fuses : Two 6.3 A, 250 V, 5x20mm ➤ Memory : 500 typical programs onboard; unlimited with USB flash drive expansion ➤ Dimensions(W x D x H): 26x47x23cm (10x18x9") ➤ Weight: 9 kg(20lb) ➤ Temp. control modes: Calculated and block ➤ PCR license : Yes ➤ Programming options: Step-based graphical ➤ Reporting : Exportable run logs, system logs ➤ Instant incubation : Yes <p>Performance</p> <ul style="list-style-type: none"> ➤ Sample capacity : 96x0.2 ml tubes, 0.2ml tube strips, or 1x96-well plate ➤ Max. ramp rate : 4⁰C/sec ➤ Avg. ramp rate : 2.5⁰C/sec ➤ Temp. range : 4-100⁰C ➤ Temp. accuracy: ±0.5⁰C of programmed target ➤ Temp. Uniformity: ±0.5⁰C well-to-well within 30 sec of arrival at target temp. ➤ 100 Reaction PCR Demonstration Kit , Consumables & Accessories <p>Thermal Gradient</p> <ul style="list-style-type: none"> ➤ Gradient capacity : Yes ➤ Gradient accuracy: ±0.5⁰C of programmed temp. ➤ Row uniformity : ±0.5⁰C well-to-well(within row) within 30 sec ➤ Gradient range: 30-100⁰C ➤ Temp. differential range : 1-25⁰C <p>** Essential Accessories are included as follows :</p> <p>a) 1 KVA online UPS: Suitable online UPS for holding the</p>



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		<p>machine functional for at least 3hrS (Microteck or any reputed Brand).</p> <p>b) One Godrej research table for keeping this PCR</p> <p>c) Provide 1000 samples test kits free</p>
Technical details		
		<p>a) Name of the Manufacturer`s & Full Address</p> <p>b) Model No:</p> <p>c) Letter of Authority from Manufacturer / Principal firm Mention Validity</p> <p>d) Product must be submit CE/US FDA/BIS certificate</p> <p>e) Life Span of the Equipment`s.</p> <p>f) Warranty : 5 years</p> <p>g) Local Service Centre detailed</p> <p>h) Submitted Previous Experience detailed for same type of supply of any State / Central govt. Department .</p>

(Handwritten signature and date)
 13/8/19

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