

MAHARSHI DAYANAND UNIVERSITY ROHTAK  
(Established under Haryana Act No. 25 of 1975)  
'A+' Grade University Accredited by NAAC

DEPARTMENT OF FORENSIC SCIENCE

No.FS/2023/1724-1727  
Dated; - 03/11/2023

To,

o/c  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sir/Madam

Please quote for the article mentioned below in the list attached herewith so as to reach undersigned by 25<sup>th</sup> November, 2023.

THE QUALITY, MAKE, PACKING and other particulars of each item should be stated.

WHILE SUBMITTING THE QUOTATIONS PLEASE NOTE THE POINTS MENTIONED BELOW: -

1. The quotations are to be sent in an envelope marked QUOTATION DUE ON 25<sup>th</sup> November 2023 and this envelope may be put in another envelope addressed to the undersigned.
2. The rates of S.T./ C.S.T., EXCISE, CUSTOM and other chargeable must be specified.
3. The rates of insurance, if any, should be specified. The firm will be required to submit the original Payee Receipt along with the bill.
4. Please state the time period within which the items will be supplied.
5. THE GUARANTEE PERIOD OF THE INSTRUMENTS MUST BE MENTIONED.
6. Discount if any, is to be given with the quotation.

Sr.No.	Name of Item	Specifications
1.	Gradient PCR machine	<ul style="list-style-type: none"><li>• Should have a sample capacity of 96x0.2ml tubes, 0.2ml tube strips or 1x96-well plate with Peltier heating and cooling.</li><li>• Should have gradient capability and the feature of dynamic ramping (identical hold times) for all 8 rows of a gradient.</li><li>• Should be capable of running reaction volumes from 1-100ul.</li><li>• Should have an intuitive 5.7" (14.5 cm) touchscreen interface which can displays graphics in high resolution for easy programming and touchscreen responsive for both gloved and ungloved fingers.</li><li>• Should have a maximum ramp rate of 4 degC/second with an average ramp rate of 2.5degC.</li><li>• Should have a temperature differential range of 1-25degC Should have a temperature range of 4-100 deg C and gradient range of 30-100 deg C</li><li>• Should have a temperature accuracy and uniformity of <math>\pm 0.5</math> deg C</li><li>• Should have a memory of &gt;500 programs with further expansion through a USB Flash drive for transfer of files.</li><li>• The software should have exportable Run logs and system error logs and instrument should have block and calculated temperature control modes and compatible with all kinds of plastic consumables and reagents, especially reusable sealing Mats</li><li>• Should have quick boot-up time of not more than 1 min and have the feature of "instant incubation" to keep samples at constant temp for ligation and restriction digests.</li><li>• System should have a built-in library of standard protocols for long PCR, fast PCR, reverse transcription PCR etc.</li><li>• Should be supplied with 1KVA online UPS with at least 30 mins backup.</li><li>• Should be licensed for both diagnostic and research applications. A copy of license should be attached.</li><li>• Quote should be from Manufacturer or authorized distributor only and proof for the same should be attached.</li></ul>

Yours Sincerely,

  
3/11/23

Head, Deptt. Of Forensic Science

Head M.D. University, Rohtak

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