

# Daulat Ram College

## University of Delhi

### SEALED QUOTATION FOR PURCHASE OF SCIENTIFIC EQUIPMENT

Sealed quotations are invited by The Principal, Daulat Ram College, University of Delhi, for the purchase of Scientific Equipment under Start-up Grant for Induction into Biomedical & Health Research Project Proposal ID SUG-2024-1253 funded by Department of Health Research(DHR), Ministry of Health and Family Welfare in Zoology Department. The specification of equipments are attached herewith. The date for receiving the quotations by office is 14.11.2025, 3:00 PM. The quotation should be subscribed with "Quotation for Scientific Equipment".

*Lavita B.*  
10/11  
Principal

Sl.No	Name of Item	Description
1	<b>Gradient thermal Cycler</b>	<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</li> <li>• Should have the feature of dynamic ramping (identical hold times) for all the 8 rows of a gradient.</li> <li>• Should have a temperature differential range of 1-25degC.</li> <li>• Should have intuitive 5.7" (14.5 cm) touch screen interface which can displays graphics in high resolution for easy programming.</li> <li>• The touch screen should be responsive for both gloved and ungloved fingers.</li> <li>• Should be capable of running reaction volumes from 1-100ul.</li> <li>• Should have a maximum ramp rate of 4 deg C/second with an average ramp rate of 2.5degC.</li> <li>• Should have a temperature range of 4-100 deg C</li> <li>• Should have a gradient range of 30-100 deg C</li> <li>• Should have a temperature accuracy and uniformity of <math>\pm 0.5</math> degC</li> <li>• Should have a memory of &gt;500 programs with further expansion through a USB Flash drive for transfer of files.</li> <li>• Should have block and calculated temperature control modes.</li> <li>• The software should have exportable Run logs and system error logs</li> <li>• Should have quick boot up time of not more than 1 min.</li> <li>• Should be quiet in operation.</li> <li>• System should have built in library of standard protocols for long PCR, fast PCR, reverse transcription PCR etc.</li> <li>• Should have the feature of "instant incubation" to keep samples at constant temp. for ligation and restriction digests.</li> <li>• Should have power save mode.</li> <li>• Should be compatible with all kind of plastic consumables and reagents specially reusable sealing Mats.</li> <li>• Warranty -----</li> </ul>