

BOSE INSTITUTE KOLKATA	
Tender No	DPB/RM/2015-16/04
Tender Date	08.02.2016
Tender Type	Limited
Tender title	<b>PCR MACHINE</b>
Specification	<ol style="list-style-type: none"> <li>1. Universal Block for 96x0.2ml PCR Tube.</li> <li>2. Gradient PCR, capable of testing 12 different temperatures simultaneously across a gradient range of 1- 20<sup>0</sup> C.</li> <li>3. Ensure Ramp Rates are identical in both gradient and normal operation.</li> <li>4. Heating and cooling via peltier technology,</li> <li>5. Temperature Control range from 4<sup>0</sup> C – 99<sup>0</sup> C.</li> <li>6. Lid temperature range 37<sup>0</sup> C- 110<sup>0</sup>C.</li> <li>7. Block temperature Accuracy: ± 02<sup>0</sup> C.</li> <li>8. Temperature Control speed: approx .3<sup>0</sup> C/S. (Heating).</li> <li>9. Temperature Control speed: approx. 2<sup>0</sup> C/S. (Cooling).</li> <li>10. There should at least 16 different temperature preprogramming protocols viz. 2step PCR, 3 step PCR Gradient PCR long range PCR low volume PCR, RT PCR incubation cycle sequencing, touchdown PCR, Hot start PCR manual, nested cycles, reduced ramping, simulate Master cycler.</li> <li>11. Adjusted ramp rate should be from 01<sup>0</sup> C to 3.0<sup>0</sup> C.</li> <li>12. The machine should have run time display and at least 2 USB Ports.</li> <li>13. Auto Restart facility with user defined time interval when power fails and resumes instrument status indicates the step, cycle and remaining runtime during the run.</li> <li>14. Warranty 2 years .</li> </ol>
Quantity	1 (One)

Last date & time for submission	23.02.2016 upto 1.00 p.m.
Date & time for opening of bids	23.02.2016 at 3.00 p.m.
Submission of Tender (Address)	The Registrar Bose Institute, Centenary Building, P 1/12 C.I.T Scheme VII M, Kolkata-700054
Venue of bid opening	Office of Division of Plant Biology, Centenary Building, Room No -128
For any query the interested bidders may contact	033 2569 3254 / 3247

General Terms & Conditions	
Warranty	2 years from the date of installation.
Payment terms	Payment will be made after complete delivery of the instrument in good condition and satisfactorily installation
Delivery schedule	Within 10 days from date of order & if any defect of the supplied item is found, it should be replaced immediately from your side.
Bid security (earnest money deposit), if applicable	N.A.
Submission of performance Bank Guarantee (PBG), if applicable	N.A.
Any other information (if applicable)	N.A.
Name of the instrument and submission of tender should be mentioned on the envelop positively.	
Director, Bose Institute reserves the right to accept or reject any or all tenders either in part or in full. The reasons for rejecting the tender of a prospective bidder will be disclosed only when enquiries are made.	

Sd/-

Sr. Prof. & Incharge, Registrar's Office