

# Letter for Quotations

Sealed quotations are invited for a thermal cycler with 1kVA UPS with the following specifications from recognized /authorized dealers. The dealers should be registered for GST. The sealed quotations should reach Principal, Maitreyi College by 21<sup>st</sup> September, 2017. The taxes or GST should be indicated separately. A copy of Pan card and GST registration certificate along with the along with last three year ITR to be enclosed with the quotation.

## **Specifications for 96-Well Gradient Thermal Cycler**

1. Should have a sample capacity of 96 x 0.2ml tubes, 0.2ml tube strips or 1 x 96-well plate
2. Should have Peltier heating and cooling.
3. Should have gradient capability with minimum 8 gradient temperatures and identical hold times for all rows of the gradient
4. Should have minimum temperature differential range of 1-25 deg C.
5. Should be capable of running reaction volumes up to 100ul.
6. Should be capable to attain a ramping rate up to 4 deg C per sec
7. Should have a temperature range of 4-100 deg C
8. Should have a gradient range of 30-100 deg C
9. Should have a minimum temperature uniformity of  $\pm 0.5$  deg C well to well within row
10. Should have a minimum memory of 500 programs with option for further expansion through a USB Flash drive for transfer of files.
11. The software should have exportable Run logs and system error logs
12. Should be compatible with all kind of plastic consumables and reagents
13. Should have UI boot up time less than 30 seconds