

OFFICE OF THE PRINCIPAL GOVT. GIRLS' P.G.COLLEGE UJJAIN

CALL FOR QUOTATIONS FOR EQUIPMENTS FOR BIOTECHNOLOGY DEPARTMENT

Kindly quote the rates of following items for Department of Biotechnology .Last date for receiving quotations in the college is **24/12/2018 during office hours.**

Envelopes should be Sealed containing typed quotation with clearly inscribed last date and department name.

Terms and conditions :

- Rates should be : 1. FOR. Govt. Girls' P.G.College Ujjain 2. Tax should be charged as per Govt. rules.

S.No.	Name of Equipments	Specifications
1.	Non Gradient PCR	<p>PCR Machines for high throughput with 2 independent Universal blocks for 96× 0.2 ml PCR tube, 71× 0.5 ml PCR tube, One 8×12 PCR plate with master control system</p> <p>Temperature control range: from 4° C to 99° C</p> <p>Temperature Control Mode: Fast, Standard and Safe</p> <p>Block Temperature Accuracy: ±0.2° C.</p> <p>Block Homogeneity: 20° C to 72° C: ≤ ± 0.3° C, 95° C: ≤ ± 0.4° C</p> <p>Temperature Control Speed: approx. 3 °C/s (heating)</p> <p>Temperature Control Speed: approx. 2 °C/s (cooling)</p> <p>Lid descent and closing pressure- Flexlid technology with Thermal sample Protection</p> <p>Booking schedule allows users to reserve the instrument in advance</p> <p>Preprogrammed template for easy selection from 16 temperature protocols viz. 2 step</p> <p>PCR, 3 Step PCR, Long Range PCR, Low volume PCR, RT, RT-PCR, Incubation, Cycle sequencing, Touch down PCR, Hot Start PCR, Hot Start PCR manual, Large volume PCR, Nested cycles, reduced ramping, simulate Mastercycler.</p> <p>Time or Temperature increment with cycles in PCR program</p>

		<p>E-mail Notification</p> <p>Power save Standby function</p> <p>Cooling vents at bottom and rear allow placing other instruments in limited bench space</p> <p>Optional Self-test dongle to check functionality of all 6 peltier elements</p> <p>Power consumption: 700 W</p>
<p>2.</p>	<p>WATER PURIFICATION SYSTEM (Millipore)</p>	<p>Specifications :</p> <ul style="list-style-type: none"> • System with 185 UV lamp • Daily Product water Usage : 40 L/Day • Feed Water Nature : Potable Tap Water <p>Product Water Particulates:< 1 Unit/mL (Particulates > 0.22µm-with millipak or Biopak point- of -use filters)</p> <ul style="list-style-type: none"> • Water Quality : Type 1 Type 3 • Application: A basic solution for pure and ultrapure water. <p>Ionic rejection by RO: ≥96 %</p> <ul style="list-style-type: none"> • Organic rejection by RO: ≥99 % for MW ≥200 • Particulate rejection by RO: ≥99 % • Product water DNase : >4 pg/mL (with biopak polisher), RNase <0.01 ng/mL • Product water Microorganisms: >0.1 CFU/mL (with Millipak or Biopak point of use filters) • Product water pyrogens: >0.001 EU/mL (with Biopak Polisher) • Product Water RNase : >1pg/mL(with Biopak Polisher) • Flow Rate : 3L/h • Product water Resistivity at 25⁰c : Pure water : Type 3, Ultrapure water : 18.2 MO-cm <p>Dimensions:Height : 54 cm (21.3 in) X Width 29 cm (11.4 in) X Depth : 38 cm (15 in)</p> <ul style="list-style-type: none"> • Product Water Instant Delivery Rate : >0.5 L/min.

Contact Number 9827048714

Head of Biotechnology Department