

SPECIFICATIONS OF EQUIPMENTS
DEPARTMENT OF MICROBIOLOGY,
INSTITUTE OF BIOSCIENCES AND BIOTECHNOLOGY
CSJM, UNIVERSITY, KANPUR

S. No.	Equipments	Quantity	Rates (Rs.)	Tax (%)	Total Cost	Remark
1.	<i>Rotary Vacuum Evaporator</i> >Vertical condensor >Cooling surface $\geq 1200 \text{ cm}^2$ > Speed range 20-270 rpm or more >Digital speed display >Heat inclination adjustable- 0 to 50° C >Permissible relative humidity – 80 % >Vacuum pump –wetted parts of inert plastic (not interactive to solvents), PTFE coated diaphragm, ultimate vacuum 20 mbar or more >Chiller – circulation pump 15 lts at pump head, insulated tubing, min. temperature range upto 0° C > efficient collection of evaporated solvents > Heating bath – heating output of 1300 Watt Vacuum controller – resolution 1 mbar, accuracy $\pm 3 \text{ mbar}$	01				
2.	<i>Orbital Incubator Shaker</i> >Variable speed – 20 – 250 rpm >Digital display o speed with preset facility >Shaking capacity 9 ltr or more >Temp range 5 to 60° C $\pm 0.5^\circ \text{C}$ or more > Plexiglass inner door	01				

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