



# SOS IN BIOTECHNOLOGY, JIWAJI UNIVERSITY, GWALIOR

## SPEED POST

Ref. No. JU/BT/17/137

Date : 20-09-2018

Coordinator

SOS in Biotechnology,

Jiwaji University, Gwalior- 474001

To,

Sub:- Quotation for Lyophilizer-reg.

Sir/Madam

Kindly send the quotations for following instrument latest by 12-10-2018 to the under signed by Registered/speed post only.

S.N.	Item Description	Qty																														
01.	<p>Lyophilizer, Model Clout -55°C            Ready to use with all accessories for carrying out lyophilisation upon installation            With top press manifold, 1 pack vials 22mm (100 nos), and crimper.            Equiped with 7 inch TFT LCD touch screen to visualize the progression of lyophilization process with graphical representation in real-time.            Instrument should have in-built pre freezing facility with treys, in-built Nitrogen iflation valve,            Vacuum pump with vacuum interface, USB connectivity function and Top press manifold.</p> <p>Technical specification:</p> <table border="1"> <tr><td>No-load temperature</td><td>&lt;-55°C</td></tr> <tr><td>Plate load materials</td><td>1 L</td></tr> <tr><td>Water capture capability</td><td>3 kg/ 24 h</td></tr> <tr><td>Vacuum</td><td>&lt;15 Pa</td></tr> <tr><td>Number of Sample Trays</td><td>3</td></tr> <tr><td>Tray Disk Diameter</td><td>Φ 180 mm (1200 ml)</td></tr> <tr><td>Number of bottles that can be accommodated on tray</td><td>160 bottle vials of 22 mm diameter</td></tr> <tr><td>Number of around bottom flasks that can be accommodated through top press multipipeline manifold</td><td>8 round bottom flasks ranging from 1000 ml to 100 ml</td></tr> <tr><td>Temperature</td><td>Ambient (10°C – 30°C)</td></tr> <tr><td>Relative Humidity</td><td>&lt; 70 %</td></tr> <tr><td>Power</td><td>950 W</td></tr> <tr><td>Communication</td><td>USB 2.0</td></tr> <tr><td>Must be provided : Flask 100 ml</td><td>02 nos</td></tr> <tr><td>Flask 250 ml</td><td>02 nos</td></tr> <tr><td>Flask 500 ml</td><td>02 nos</td></tr> </table>	No-load temperature	<-55°C	Plate load materials	1 L	Water capture capability	3 kg/ 24 h	Vacuum	<15 Pa	Number of Sample Trays	3	Tray Disk Diameter	Φ 180 mm (1200 ml)	Number of bottles that can be accommodated on tray	160 bottle vials of 22 mm diameter	Number of around bottom flasks that can be accommodated through top press multipipeline manifold	8 round bottom flasks ranging from 1000 ml to 100 ml	Temperature	Ambient (10°C – 30°C)	Relative Humidity	< 70 %	Power	950 W	Communication	USB 2.0	Must be provided : Flask 100 ml	02 nos	Flask 250 ml	02 nos	Flask 500 ml	02 nos	01
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Please attach followings along with your bid;

- 01) Those venders who are not registered but are authorized dealer of the equipment can also submit their quotations.
- 02) Self certified copy of TIN no. /sales no. 03) Self certified copy of PAN no.
- 04) Price quoted should be F.O.R. destination i.e., Jiwaji University, Gwalior
- 05) Quote only on printed letter head format (no photocopy) & self certified.
- 06) EMD for Rs. 25,000/- drawn in favor of Registrar, Jiwaji University, Gwalior
- 07) **Warranty: Two years** from date of installation.

Registrar

Coordinator

IT cell JU;  
Please upload this on  
University website