



**SCHOOL OF STUDIES IN BIOCHEMISTRY
JIWAJI UNIVERSITY, GWALIOR 474 011**

Ref No.

34/BC/2019/310

Gram : University
Fax : 0751 2341450
Date: 22.07.2019

To

Those vendors who are not registered but are authorized dealers of the equipment given below can also submit their quotation.

Dear Sir,

Kindly send the quotation for the following instrument latest by 17.08.2019 to the
Registrar, Jiwaji University, Gwalior 474 011

Kind Attention: Head, School of Studies in Biochemistry, Jiwaji University, Gwalior 474 011
by speed post/ registered post.

<u>S.No.</u>	<u>Item</u>	<u>Quantity</u>
01	Deep Freezer -80°C Make : Capacity: Temperature range Control Circulation: Insulation: Chamber: Pull down time Shelves Software Security Power Battery backup Alarm Exterior Interior Door seals Heated Air vents Filters	01
	Eppendorf/ Thermo Fischer/ Nuaire About 400 L Programmable temp range from -50°C to -86°C [temp 1°C increments] Micro Processor control of temp. and alarms with non-volatile memory Requires just one fan for reduced power consumption and noise Polyurethane foam, 5.1", 130 mm thick Latch able inner door to minimize cold air loss when external door is opened and reduce power consumption to maintain temp. Around 4 hrs 4-5 compartments with four adjustable height, corrosion resistant, Stainless Steel Shelves, compartment should be equipped with insulated inner doors. System monitoring and Reporting technology for fault diagnosis and set point variance Keyed locks on the outer doors and lids to keep out unauthorized users, four-digit password for additional security On-off switch should not be exposed to prevent accidental turned off Alarm activation and temperature display during power outage Audible and visible alarms for temperature, filter clean, power out, low battery, system fail, Fault analysis Stainless steel with scratch and rust resistant, powder coated Stainless steel, easily cleanable, rust and scratch resistant Multiple seals [separate for inner and outer doors] for inner and outer doors with low temperature silicone for preventing temperature loss For fast reopening and prevention of vacuum formation Easily visible and accessible, easy cleaning, reusable	

Electric Power	Programmed start up, prevention of power supply overload, multiple freezer restart following a power failure
Stability	Should maintain stable power supply in case of voltage fluctuations
Freezer	Should meet all latest pollution norms, CFC free, HCFC free refrigerants with biodegradable oil compressor
Temperature Backup	For at least 8 hrs
Voltage stabilizer & other installation requisites	5 KVA SERVO and other preinstallation requisites should be supplied for immediate installation
Warranty	Instrument should be CE and UL certified Minimum 12 months from date of installation
02 Accessories	Should be quoted separately

Please attach the following along with your bid:

- i. Copy of TIN no./ Sales Tax No./ PAN no [if applicable]
- ii. EMD : Rs 15,000 to be submitted along with the offer

Handwritten signature

HEAD
 School of Studies in Biotechnology
 Jvuji University, Gwalior-474011 (M.P.)