



## MAHATMA GANDHI UNIVERSITY

MGU/DST-FIST/SBS/2019/ETEN/HSC

Dated: 15/05/2019

### **NOTICE INVITING TENDER**

(Tender No. MGU/DST-FIST/SBS/2019/ETEN/HSC)

**The Registrar, Mahatma Gandhi University, Kottayam** for and on behalf of **The Coordinator, DST FIST Project, School of Biosciences, Mahatma Gandhi University** invites online bid (technical and financial bid) for Supply and Installation of the scientific equipment **High Speed refrigerated bench top Centrifuge** from reputed firms

1	Name of the scientific equipment	<b><u>High Speed refrigerated bench top Centrifuge</u></b>
2	Earnest money deposit (EMD)	Rs. 6500/-
3	Tender submission fee	Rs. 1300/-+GST
4	Period of supply and installation	Within 90 days from the L/C opening date
5	Mode of submission of Bid	Online
6	Tender Documents	Can be downloaded from the website <a href="http://www.etenders.kerala.gov.in">www.etenders.kerala.gov.in</a>
7	Last date and Time of submission of tender by online	25/05/2019, 4.00 pm
8	Date and time of opening of bid opening	28/05/2019, 11.00 am

General tender documents and tender schedule can be downloaded in A<sub>4</sub> plain size paper free of cost from the website [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in).

Documents to be submitted along with bid through online.

Sl.No	Through online
1	Scanned copy of dealership certificate
2	Scanned copy of duly filled e-payment form
3	Scanned copy of other certificates required, if any, for tender acceptance
4	Scanned Copy of duly filled preliminary Agreement in stamp paper of Rs.200/-
5	BOQ

## **Specification for High Speed Refrigerated Bench Top centrifuge**

Max. Speed : 30000 rpm  
Max. RCF : 65390 x g  
Max. Volume : 6 x 250ml or better  
Speed range : 200-30000 rpm with 10rpm increments  
Running time : 99 h 59 min / in 1min increments  
59 min 50 sec/ in 10sec increments.  
Temp. Range : -20° to 40°C with 1° increments or better  
Dimensions : Desirably 71.5cm x 42cm x 51cm (w x hx d)  
Power consumption : 2990W or better  
Microprocessor control with LCD display  
Motor driven lid lock  
Automatic rotor identification with over speed protection  
Imbalance identification and cut off  
Imbalance tolerant drive pin  
Refrigeration System- no CFCs, ODCs  
Standstill cooling  
Pre-Cooling Program Option  
Pre selection of speed in both RPM and RCF with increments of 10  
Noise Level Less than 60 dBA at max speed  
Digital display for Speed, g-Force, Time and Temperature  
Angle rotor for 12 x 1.5/2.0 ml tubes  
Angle rotor 8 or 6 x 50 ml with suitable adpater for 15 ml tubes,  
Fixed angle rotor 6x250 ml  
System should have facility to accommodate various angle rotors and plate rotors etc.  
**Warranty : 3years compulsory**  
Certificate Compliance : CE and IVD  
stabilizer mandatory

Optional : all other suitable rotors and adaptors may be quoted

Additional extended 2year warrantee also may be quoted.

### **Special Conditions**

1. Instrument should have a **warrantee of three years** and should have frequent visits from both service engineer and application scientist.
2. There should be at least one service engineer and one application scientist based in India with onsite training facility on the same quoted instrument. Training should include operation, software applications, analysis, handling and maintenance of system.
3. A good record in supply and service to other research institutes will be considered as a positive point for a particular company. User list of similar equipment supplied recently in India should be provided with the above mentioned specifications.

4. Laboratory floor space, electrical power requirements, earthing, room temperature/humidity requirements etc. should be mentioned appropriately.
5. All necessary accessories should be supplied with the instrument, as per standard package offered, including complete set of service and operation manuals for diagnosis, trouble shooting, maintenance and electronic circuitry (soft copies).
6. The Delivery Schedule, Payment Terms & Warranty/Guarantee etc must be clearly indicated in the technical bid.
7. The basic price to be entered in BOQ should be inclusive of all taxes, freight, loading & unloading and installation charges.
8. The bids will be opened at the date and time specified. Further details can be had from **The Coordinator, DST FIST Project, School of Bio Sciences M.G. University, Kottayam, Kerala Pin-686560**, on all working days during working hours. Phone: **0481-2731035** E-mail: **bio.sc.office@gmail.com**. The bidders are advised to submit their bid well in advance to avoid any kind of network issues.

The undersigned reserves the right to reject any or all the tender without assigning any reason whatsoever.

**Registrar**