



MAHATMA GANDHI UNIVERSITY

MGU/DST-PURSE/2019-20/6/SPAP

Dated: 06/08/2019

NOTICE INVITING ReTENDER

(Tender No. MGU/DST-PURSE/2019-20/6/SPAP)

The Registrar, Mahatma Gandhi University, Kottayam for and on behalf of The Coordinator, DST PURSE PII Project, School of Biosciences, Mahatma Gandhi University invites online bid (technical and financial bid) for supply and installation of the scientific equipment **Table Top XRD** from reputed firms. The period of the tender is 180 days from the date of tender.

1	Name of the scientific equipment	Table Top X-Ray Diffractometer for Solid, Powder and Thin films
2	Earnest money deposit (EMD)	Rs. 32000/-
3	Tender submission fee	Rs.4800 /- + 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 www.etenders.kerala.gov.in
7	Last date and Time of submission of tender by online	15.08.2019, 4.00 pm
8	Date and time of opening of bid opening	17.08.2019, 11.00am

General tender documents and tender schedule can be downloaded in A₄ plain size paper free of cost from the website 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

Special Conditions

1. Instrument should have a warrantee of at least **three years** and should have frequent visits from both service engineer and application scientist. Additional 2 years AMC should be quoted as optional.
 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.
 2. 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.
 3. Laboratory floor space, electrical power requirements, earthing, room temperature/ humidity requirements etc. should be mentioned appropriately.
 4. 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).
 5. The Delivery Schedule, Payment Terms & Warranty/Guarantee etc must be clearly indicated in the technical bid.
 6. The quoted price in the BOQ should be inclusive of all taxes/freight/installation charges.
- The bids will be opened at the date and time specified. Further details can be had from the **The Coordinator, DST PURSE PII Project, School of Bio Sciences, M.G. University, Kottayam, Kerala Pin-686560** Phone: 0481-2731035 E-mail: bio.sc.office@gmail.com. on all working days during working hours. 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



Specifications

TABLE TOP X-RAY DIFFRACTOMETER FOR SOLID, POWDER AND THIN FILMS

Table Top X-Ray Diffractometer for Solid, Powder and Thin films	
X-ray generation	30kV, 10 mA or better
X-ray wavelength source	Copper (Cu)
Detector	Scintillation counter
Scanning range	5-120 ⁰ or more
Accuracy	0.02 ⁰ or better
Minimum step width	0.005 ⁰
Power supply	240V, 50 Hz
Cooling	Chiller and accessories
Sample holders	20 nos. Of 0.5 mm grove plates 20 nos. Of 0.2 mm grove plates
Computer and Printer	Branded Computer with 22” monitor with Licensed Windows OS, Color laser printer
Software	Necessary software for data collection and qualitative analysis
UPS	Necessary UPS system with batteries for 1 hour backup for complete system
Warranty	3 years