



Mahatma Gandhi University, Kerala

Tender No: AMMRC/ETENDER/SF2/2018.

Dated: 01/12/2018

NOTICE INVITING TENDER

(Tender No: AMMRC/ETENDER/SF2/2018)

The Registrar, Mahatma Gandhi University, Kottayam invites online bid (technical and financial bid) for Supply and Installation of the Scientific Equipment **Spectroflourimeter** from reputed firms. The period of the tender is 180 days from the date of tender.

1	Name of the scientific equipment	Spectroflourimeter
2	Earnest money deposit (EMD)	Rs. 25000/-
3	Tender submission fee	Rs. 3800/- + GST
4	Period of supply and installation	Within 60 days
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	17.12.2018 4pm
9	Date and time of opening of technical bid	19.12.2018 11am

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 valid registration certificate/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. Onsite training has to be arranged by the vendor. Training should include operation, software applications, analysis, handling and maintenance of system.
2. List of your customers using the instrument with the above mentioned specifications should be given.
3. Laboratory floor space, electrical power requirements, earthing, room temperature/humidity requirements etc. should be mentioned appropriately.
4. 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.

The bids shall be opened at the date and time specified. Further details can be had from the office of The Director, AMMRC, Mahatma Gandhi University, Kottayam, Kerala-686560 on all working days during working hours. Phone no: **+91-9567544740** 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

Appendix 2
Specifications for SpectroFluorimeter

Fluorescence Spectrometer with the ability to perform Fluorescence , Phosphorescence quantum yield and time resolved Fluoresce with following specification

Light source :	150W ozone free Xe source or better
Wavelength range	200- 900 nm
Detector	PMT
Signal to noise ratio	4,000:1 or better
Slits	1-20 nm for both excitation & emission side
Wavelength Accuracy	minimum +/- 0.5 nm or better
Scanning rate	Low, medium fast software selectable.
Sample holder	3 numbers of 3mL liquid cuvette, 3 numbers of 120 microliter cuvette with adaptor and Solid Sample Holder designed for viewing front-face fluorescence of all samples Necessary accessory for front face and right angle detection. Must include powder sample holder
Integrating Sphere	A Six inch integrating sphere for quantum yield measurements with five sample cups, five cover slips, cuvette, Fiber coupler fiber optic accessory and calibrated standard cuvette for calibrating the cuvette holder's absolute spectral response should be offered. Necessary ND filters should be offered
TRS	Must include Time resolved Fluorescence measurement set up for microsecond and nanosecond and millisecond measurement range with 6 different laser LED monochromators
Accessories	<ul style="list-style-type: none"> • A latest model branded desktop computer, Printer and UPS having minimum 1 hour backup should be supplied. • Software: Windows based user friendly software. Software for data collection, analysis and system control should be supplied.
Warranty	3 years for the complete instrument
Other requirements	<ul style="list-style-type: none"> • Feature upgradable for peltier accessories including software • Source lamp should come with 10 years of warranty • Should incorporate a software controlled filter wheel in the emission monochromator • The quote should include 2 years of AMC after the warranty period • The quote should include the cost for supply of the instrument at the destination