



PURCHASE & STORES SECTION

INVITATION FOR ONLINE TENDER (TWO BIDS SYSTEM)

(Tender No: MANUU/Purchase/F.242/2023-024, dt: 03-11-2023)

Sub: MANUU – Purchase & Stores Sections – Supply and installation of Lab equipments for School of Sciences (Physical Sciences Lab) – Online (through CPPP) Tender Enquiry – Reg.

The Maulana Azad National Urdu University (MANUU), Hyderabad (Central University established by an Act of Parliament in 1998) intends to procure Geiger Muller (GM) Counter for School of Science (Physical Sciences Lab) of University, Gachibowli, Hyderabad from the prospective bidders. The intended bidders may furnish their quotations (as per the specifications mentioned below) online through Central Public Procurement Portal (CPPP) @<https://eprocure.gov.in/eprocure>. The online bids along with **EMD for Rs. 22,500/-** drawn in favour of Finance Officer, MANUU, Hyderabad (Exemption as per GoI norms will only be considered on production of documentary proof in the concern category, failing which the bid will be rejected) shall be furnished as per the proforma prescribed (Annexure-2). The bid documents (both Technical bid and financial bid) along with the scanned copy of EMD proof must be uploaded online on CPP Portal on or before 16-11-2023 by **3.00 pm**. However, the original EMD document/DD shall be submitted at Purchase Section next day of closing date of submission of bids)

Terms and Conditions of the Tender:

1. Submission of Bids:

- 1.1 The technical and financial bids should be furnished in Annexure-1 and Annexure-2 respectively and both the bids should be submitted online @ <https://eprocure.gov.in/eprocure> only along with the requisite documents.
- 1.2 Conditional and incomplete bids will be rejected summarily.
- 1.3 The bids must be submitted before due date and time.
- 1.4 **Modification and Withdrawal of Bids:** The bidder may modify or withdraw their bid through online before last date for submission of the Bids.
- 1.5 No tender will be accepted after the date of opening and time as specified in the tender enquiry for whatever reasons.
- 1.6 Bidders shall have to ascertain the exact percentage of GST applicable on each of the items while quoting the rates in the financial bid (ANNEXURE-2). In case of discrepancy / difference of opinion on GST rates, the University shall decide the lowest quotation on verification of the relevant provisions of GST Act vis-à-vis supporting documents provided by the bidders in respect of the claim for the GST. In case of ambiguity on percentage of GST applicable, the University will award the contract on the basic price i.e excluding GST quoted in the online price bid. The decision of the University shall be final and binding in this regard. The items procured are exclusively for the MANUU School of Sciences for education and research purpose only and not for commercial use



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- 1.7 The University reserves its right to award the contract to the firm quoting lowest (L-1) rates.

2. Submission of EMD

- 2.1 The firms should submit EMD of Rs. 22,500/- in the form of Demand Draft drawn in favour of Finance Officer, MANUU payable at Hyderabad in original by post or by hand. Scanned copy of EMD should be uploaded along with Technical bid document. Exemption as per govt. norms will be considered on production of documentary proof.
- 2.2 The EMD of the unsuccessful bidders will be returned within 60 days after closing date of the bid or within 30 days after finalizing the bid without interest. The EMD of the successful bidder will be returned on submission of Performance Security.

3. Opening of Bids

- 3.1 Technical bid would be opened online only and scrutinized as per the eligibility criteria prescribed.
- 3.2 Financial bids of only technically qualified bidders will be opened by the authorized officers of the University.
- 3.3 The bidder must provide the services as per the specifications mentioned in the tender. The firms may also quote for higher / superior specifications. However, the criteria for requirement would be based on the actual specifications mentioned in this tender document.
- 3.4 The quotation should be valid for a minimum period of 75 days from the closing date of tender.

4. Pre-qualification (eligibility) criteria:

- 4.1 The bidder should be a registered firm / supplier / authorized dealer with GSTIN.
- 4.2 The firm should submit an EMD of Rs. 22,500/-
- 4.3 The firm should submit the OEM Certificate / authorized dealer / authorized distributor / manufacture's authorization certificate specific to this tender.
- 4.4 The firm should submit bid showing item wise compliance as per Annexure – 3 with respect to specification and warranty etc., any deviation of quality will be summarily rejected.
- 4.5 The bidder must upload Annexure – 1 duly filled in.
- 4.6 A) The bidder must have achieved the minimum average annual turnover of **Rs. 6,01,280/-** on supply of the lab equipments during the last three financial years.

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- B) In addition to the above, the bidder must have supplied the;
- Lab Equipments on three Purchase Orders worth **Rs. 3,00,640/-** each (or)
 - Lab Equipments on two Purchase Orders worth **Rs. 3,75,800/-** each (or)
 - Lab Equipments on one Purchase Order worth **Rs. 6,01,280/-** During the last 5 years period.

5. Job Requirement

- 5.1 Supply and Installation of *lab equipments as per specification and quantity mentioned below.*

Sl.	Item Description	Quantity required
1.	e/m of an electron by Magnetron Method Specifications: e/m apparatus consisting of power supply fitted with voltmeter and ammeter to read anode voltage (in volts), anode current (micro amp), solenoid power supply fitted with ammeter to read solenoid current(amp), magnetron valve with base and connecting wires , solenoid fitted with suitable wooden base.	02
2.	e/m of an electron by Thomson Method Specifications: e/m of an electron by Thomson Method Experiment consists of a 50-0-50 volts DC with moving coil meters to measure the deflecting voltage either X or Y Plates. Cathode Ray Tube fitted on wooden frame with scale divided in centimeters. Deflecting magnetometer with permanent magnetic compass included. compass stand, a pair of Bar Magnet.	02
3.	Specific heat of Graphite Apparatus Specifications: Specific heat of graphite apparatus consists of (i) Graphite sample, (ii) Heater filament, (iii) Stop watch (iv) Variac (variable transformer), (v) Voltmeter, (vi) Ammeter and (vii) Chromel (Nickel-Chromium alloy) Alumel (Nickel-Aluminium alloy) thermocouple and (viii) temperature reader.	02
4.	Specific heat of Air Apparatus Specifications: The apparatus consists of heating element on which the air is blown. The difference in temperature of air is shown by the temperature indicator. The flow of air is measured by the orifice meter. The input to the heater is measured by voltmeter and ammeter.	02
5.	M.Sc. Physics Brass heat Capacity Kit Specifications: The experiment consists of the following: <ul style="list-style-type: none"> Oven (up to 200°C); Thermocouple Sensor (With Probe); Sample : Brass, Copper, Aluminium, Iron ; Thermometer (0-200°C); Output Brought Out Through 4mm Banana Plugs. Digital Voltmeter 200Mv/2000mV; Digital Ammeter 20mA; Digital Temperature Meter (Degree C); DC Supply 0-20V DC, 150mA. 	02
6.	Zeeman Effect Experiment Kit Specifications: The set-up consists of the following: <ul style="list-style-type: none"> High Resolution Fabry Perot Etalon; Mercury Discharge Tube(Low Pressure Tube); Power Supply for Discharge Tube; (High Voltage Power Supply for Discharge Tube) Narrow Band Interference Filter; Central Wave Length: 546nm; Polarizer with lens; Optical Bench; CCD Camera(High Resolution); Telescope with Focussing Lens; Monitor 17"; Electromagnet; Constant Current Power Supply; Digital Gaussmeter. 	02

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7.	NMR Eperimental setup Specifications: Features: <ul style="list-style-type: none"> FET based marginal Oscillator Digital Display of frequency and current Clear display of resonance peaks Compatible with general purpose CRO. 	02
8.	Linear Expansion Apparatus Specifications: <ul style="list-style-type: none"> Consists of metal rod 500mm L, 4.5mm dia. Rod enclosed in well-lagged metal tube with 3 tubules for steam inlet, outlet, thermometer Rod to be investigated supported in steam jacket by detachable rubber bungs at tube ends Micrometer screw reading to 0.01mm for measuring expansion Supplied with one each of aluminum, brass, iron expansion rods, without thermometer 	02
9.	Characteristics of Phototransistor Kit Specifications: <ul style="list-style-type: none"> Analog Meters: Volt meter 6V DC; Ammeter 10Ma/100uA DC. Power Supplies: DC Supply IC Regulated 0-10V DC, 150mA Operated on Mains power 230V, 50Hz +10%. Components are mounted on the panels are: Photo Transistor Unit; Light Source (100W Bulb). Voltage Control through Potentiometer. Wooden Optical Bench With Scale Engraved. 	02
10.	Characteristics of LDR Kit Specifications: Ready to use board with analog meters with 100% accuracy and LDR component and temperature range 50-60.	02
11.	Hydrogen spectrum and Rydberg's constant using Spectrometer Specifications: Export quality Spectrometer; Hydrogen lamp (2 nos), Stand and Powersupply 5KV; Diffraction Grating.	02
12.	Particle size measurement kit using lasers specifications: <ul style="list-style-type: none"> He-Ne laser Optical Bench Screen (30 x 30 cm) Microscope slides set of 100 pcs. Diffraction grating Slit holder Slit (Blade) Measuring tape (3 m) Lycopodium powder 50gm 	02
13.	Anderson Bridge for self inductance of a coil specifications: <ul style="list-style-type: none"> Built in DC power supply; Inbuilt signal Source; Power ON indicator switch. Application Bridge on screen printed front panel display; Set of Unknown inductance coil.. Variable Resistance; Set of capacitance; Audio detector; Accessories: Patch cords, connecting wires and head phone. 	02

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14.	Mutual inductance for Anderson bridge apparatus specifications: 1. Anderson's bridge trainer kit; 2. 2mm patch chords; and 3. Digital multimeter.	02
15.	Specific Rotatory power of a liquid using Polarimeter specifications: Light Source: Tungsten-Halogen lamp (WI), Sodium lamp (Na), Mercury lamp (Hg) - Two sources can be installed Wavelength: 880, 633, 589, 578, 546, 436, 405, 365, 334, 325, 313, 302, 296, 280, 254 nm Detector: Photomultiplier tube Modulator: Faraday cell Aperture>: 1.8, 3 and 8 mm diameters	02

5.2 Warranty: One year from the date of supply / installation.

6. Delivery & Payment:

6.1 The supply and installation of the said items should to be made within a period of **45days** from the date of award of contract (AOC).

- Failure to supply the material within the stipulated period shall entitle the Procuring Entity (MANUU) for imposition of penalty @ 1/2% (half percent) per week on the quantity undelivered covered in the award of contract, subject to a maximum of 5% (five percent) after expiry of the stipulated time period of the supply unless extension is obtained in writing from the office on valid ground before expiry of delivery period.
- If the deliveries are not made by the specific date and Procuring Entity is forced to buy the material at your risk and cost from elsewhere, the loss or damage that may be sustained thereby would be recovered from the defaulting supplier.

6.2 The selected firms should submit 5% of value of Award of Contract (AOC) as Performance Security in the form of D.D/ Fixed Deposit Receipt / Bank Guarantee in favour of MANUU payable at Hyderabad which would be released (without interest) after supply of material as per specifications and after fulfilling of all tender obligations. In case, the goods supplied are under warranty, the 5% Performance Security will be released after 60 days of completion of warranty period without any interest. No Performance Security is required if the value of the Purchase order is less than Rs. 1,00,000/-.

The account details are as follows;

A/c. Name : Maulana Azad National Urdu University
A/c. Number : 187901000000001
Bank : Indian Overseas Bank
Branch : Gachibowli, Hyderabad-500 032
IFSC Code : IOBA0001879

6.3 **Payment:** 100% payment after receipt of the goods, inspection, installation (if any) at concerned office site in good condition and acceptance by the consignee, within 30 (thirty) days provided the successful bidder should have been furnished the 5% Performance Guarantee.

6.4 No advance payment will be made.



7. Miscellaneous

- 7.1 MANU University GSTIN: 36HYDM03116B1DT. MANUU does not claim / registered with Dept. of Science and Technology or any other Government Dept for exemption / discount on GST
- 7.2 The items procured are exclusively for the MANUU School of Sciences for education and research purpose only and not for commercial use.

8. Termination of the contract:

- 8.1 If the information provided by the firm during the process of contract is found false at later stage, the University reserves the right to cancel the Purchase Order and / or blacklist the firm.
- 8.2 Sub-letting of this contract is not permissible.
- 8.3 This Request for Proposal (RFP) is issued with no financial commitment and the Buyer (MANUU) reserves the right to change or vary any part thereof or foreclose the procurement process at any stage. The Buyer also reserves the right to disqualify any vendor, should it be necessary, at any stage.
- 8.4 In case of any dispute, Hyderabad will be the Jurisdiction. The Registrar, Maulana Azad National Urdu University, Hyderabad shall decide the issue and his decision will be final and shall be binding on the both parties.

Registrar

Maulana Azad National Urdu University
Gachibowli, Hyderabad- 500032

[Signature]

Instructions for filling up BOQ (Online Only)

Name of the Bidder/ Bidding Firm / Company :								
PRICE SCHEDULE (DOMESTIC TENDERS – RATES ARE TO GIVEN IN RUPEES (INR) ONLY) (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)								
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	GST Amount on Item Qty x Basic Rate in INR Rs. P	TOTAL AMOUNT Without Taxes col (13) = (4) x (7) in Rs. P	TOTAL AMOUNT With Taxes col (14) = sum (8) to (13) in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	7	9	13	14	15

Name of the firm

Unit Price (in Rupees) without GST

Total GST amount (in Rupees) i.e. Qty. x unit price x GST%

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Annexure-1 (Technical Bid)

1.	Name of the Firm	M/s.
	Postal Address	
	Contact No (s)	
	E-mail ID	
	Account Number	
	Name of the Account Holder / Firm / Agency	
	Bank Name	
	Branch Name & Details	
	IFSC Code	
2.	Details of EMD of Rs. 22,500/- (Exemption for registering with MSME NSIC etc as per GoI norms will only be considered on production of documentary proof in the concerned category, failing which the bid will be rejected) The EMD shall be submitted at Purchase & Stores Section before closing date.	D.D. No. _____ dated: _____ Bank _____ (upload documentary proof if exemption is claimed)
3.	Firm Registration Details	(Yes / No) (upload Firm registration certificate)
4.	GST Registration Details	(Yes / No) (upload GST registration certificate)
5.	OEM Certificate / authorized dealer / authorized distributor / manufacture's authorization certificate specific to this tender	(Yes / No) (upload Documentary proof)
6.	Compliance report of each items	(Yes / No) (upload compliance report of each item)
7.	Average Annual Turnover of Rs. 6,01,280/- during the preceding three years (Attach scanned copy of audited balance sheet and Profit & Loss Account for these years, Certificate Certified by CA) [as per tender clause 4.6 (A)]	(Yes / No) (upload Documentary proof)
8.	Value of Purchase Orders of lab equipments items carried out during the preceding five years, (Attach scanned copy of Purchase Orders) [as per tender clause 4.6 (B)]	(Yes / No) (upload Documentary proof)
9.	Annexure –1 duly filled in	(Yes / No) (upload document)

Declaration:

- That we have not been debarred by any Government Department/Under taking.
- It is hereby declared that the firm have carefully read and understood the tender document and **agreed with all the terms and conditions** of the tender, Hyderabad jurisdiction etc., and agreed that the decision of the University shall be final in all respect.

Place :
Date :2023

Signature of the authorized
Dealer/signatory of the firm

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Annexure-2 (Financial Bid)

(To be filled Online as per the CPPP format only)

Name of the Bidder/ Bidding Firm / Company :								
PRICE SCHEDULE								
(DOMESTIC TENDERS – RATES ARE TO GIVEN IN RUPEES (INR) ONLY)								
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)								
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1	2	4	5	7	9	13	14	15
1	Procurement of lab equipments							
1.1	e/m of an electron by Magnetron Method	02				0.00	0.00	INR Zero Only
1.2	e/m of an electron by Thomson Method	02						
1.3	Specific heat of Graphite Apparatus	02						
1.4	Specific heat of Air Apparatus	02						
1.5	M.Sc. Physics Brass heat Capacity Kit	02						
1.6	Zeeman Effect Experiment Kit	02						
1.7	NMR Eperimental setup	02						
1.8	Linear Expansion Apparatus:	02						
1.9	Characteristics of Phototransistor Kit	02						
1.10	Characteristics of LDR Kit	02						
1.11	Hydrogen spectrum and Rydberg's constant using Spectrometer	02						
1.12	Particle size measurement kit using lasers	02						
1.13	Anderson Bridge for self inductance of a coil	02						
1.14	Mutual inductance for Anderson bridge apparatu	02						
1.15	Specific Rotatory power of a liquid using Polarimeter	02						
Total in Figures						0.00	0.00	INR Zero Only
Quoted Rate in Words								

Annexure-3 (Compliance Report)

Sl	Particulars	Make and Model if any	Compliance (Yes/No)	Deviation (if any)
1.	e/m of an electron by Magnetron Method Specifications: e/m apparatus consisting of power supply fitted with voltmeter and ammeter to read anode voltage (in volts), anode current (micro amp), solenoid power supply fitted with ammeter to read solenoid current(amp), magnetron valve with base and connecting wires, solenoid fitted with suitable wooden base.			
2.	e/m of an electron by Thomson Method Specifications: e/m of an electron by Thomson Method Experiment consists of a 50-0-50 volts DC with moving coil meters to measure the deflecting voltage either X or Y Plates. Cathode Ray Tube fitted on wooden frame with scale divided in centimeters. Deflecting magnetometer with permanent magnetic compass included, compass stand, a pair of Bar Magnet.			
3.	Specific heat of Graphite Apparatus Specifications: Specific heat of graphite apparatus consists of (i) Graphite sample, (ii) Heater filament, (iii) Stop watch (iv) Variac (variable transformer), (v) Voltmeter, (vi) Ammeter and (vii) Chromel (Nickel-Chromium alloy) Alumel (Nickel-Aluminium alloy) thermocouple and (viii) temperature reader.			
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9.	Characteristics of Phototransistor Kit Specifications: <ul style="list-style-type: none"> Analog Meters: Volt meter 6V DC; Ammeter 10Ma/100uA DC. Power Supplies: DC Supply IC Regulated 0-10V DC, 150mA Operated on Mains power 230V, 50Hz +10%. Components are mounted on the panels are: Photo Transistor Unit; Light Source (100W Bulb). Voltage Control through Potentiometer. Wooden Optical Bench With Scale Engraved. 			
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11.	Hydrogen spectrum and Rydberg's constant using Spectrometer Specifications: Export quality Spectrometer; Hydrogen lamp (2 nos), Stand and Powersupply 5KV; Diffraction Grating.			
12.	Particle size measurement kit using lasers specifications: <ul style="list-style-type: none"> He-Ne laser Optical Bench Screen (30 x 30 cm) Microscope slides set of 100 pcs. Diffraction grating Slit holder Slit (Blade) Measuring tape (3 m) Lycopodium powder 50gm 			
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Place :
Date :2023

Signature of the authorized
Dealer/signatory of the firm