

MAHARSHI DAYANAND UNIVERSITY ROHTAK

(A State University established under Haryana Act No. 25 of 1975) NAAC accredited 'A+' Grade

Tender Notice

SR.	NAME OF	NAME OF WORK	OPENI	AMOUN	WEBSITE	NODAL OFFICER/
NO.	DEPARTME		NG	Т	OF THE	CONTACT
	NT		DATE	(APPRO	DEPARTM	DETAILS/ EMAIL
				X.)	ENT	
1	Department of Physics, M D	Purchase of Laboratory	CLOSI NG DATE Start Date-	Rs. 17.49 lakhs	www.mdu.ac.i n	Prof. Rajesh Punia, Head, Department of
	University	Equipments.	22.12.20			Physics
	Kohtak	(Tender ID:	22 5.00 mm			Mobile: 9215701113
		2022 HRV 2507	5.00 pm			E-mail:
		2022_NK1_230/	Clasing			hod.physics@mdurohta
		95_1)	Dete			k.ac.in
			Date-			
			13-01-			
			2023			
			10.00 am			

https://etenders.hry.nic.in/nicgep/app?component=%24DirectLink_0&page=FrontEndAdvance dSearchResult&service=direct&session=T&sp=S5iFo4Ib0bX8G7Tbh0ykT1Q% 3D%3D

(Head) Department of Physics

MAHARSHI DAYANAND UNIVERSITY, ROHTAK Department of Physics

Phone:- 9215701113

Email:- hod.physics@mdurohtak.ac.in

STANDARD BIDDING DOCUMENT FOR PURCHASE OF Laboratory Equipments

PART1: COMPLETE BIDDING DOCUMENT

Name of Work: Purchase of <u>Laboratory Equipments</u> in Department of Physics, M. D. University, Rohtak.

M.D. UNIVERSITY, ROHTAK						
Notice Inviting E-tender						
Name of Work	Purchase of Instruments for Radiation Physics					
	Lab. in Department of Physics, M. D. University,					
	Rohtak.					
Tender Docs Fee+ E Service Fees	Rs. 1,000/- + Rs. 1180/- (non-refundable)					
Earnest Money	2 % of Quoted amount					
Online tenders to be received	till : _10.00 am_ on dated _13.01.2023_					
i) The tenders will be received only th https://etenders.hry.nic.in & www.md	rough E-tendering for further details visit website u.ac.in					
ii) Cost of Bid document is Rs. 1,000	/- (non-refundable) for each bid to be deposited					
through online mode only.						
iii) Earnest Money, Tender Document	Fees and E-Service Fees (as mentioned above) will					
be deposited through online mode o	nly.					
iv) The contractors / agencies will	keep in touch with the University Web Site					
www.mdu.ac.in and http://www.eten	ders.hry.nic.in for any amendment / addendum till					
the last date / revised last date of	submission of tender and may incorporate such					
changes in the tender bids, if require	ed.					

PRESS NOTICE

REGISTRAR MDU, Rohtak

NOTICE INVITING TENDER

Sr. No	Name of Items	Appx. Total Cost (Rs. in lacs)	EMD to be deposited by Bidder (Rs.)	Tender Document Fee & eService Fee (Rs.)	Start Date & Time of Bid Preparation & Submission	Expiry Date & Time of Bid of EMD Submission
1.	 Laboratory Equipments: G.M Counting System Unit (03 no.) G.M Tube as Detector (03 no.) G.M. Detector sliding bench with detector holder & source holder (03 no.) Aluminum Absorber Set (03 no.) Software for GM Counting System (01 no.) Radioactive (Beta) Supplied as guidelines of Atomic Energy Regulatory Board (AERB) (03 no.) Gamma Ray Spectrometer (01 no.) Scintillation Detectors Stand with other Accessories (01 no.) Radioactive (GAMMA). Supplied as guidelines of Atomic Energy Regulatory Board (AERB) (01 no.) Scintillation Detectors Stand with other Accessories (01 no.) Radioactive (GAMMA). Supplied as guidelines of Atomic Energy Regulatory Board (AERB) (01 no.) Lead Shielding for Scintillation Detector (01 no.) Spark Counter (01 no.) 	-	2 % of quoted amount	Rs 1,000/- for Tender Document fee & Rs. 1180/-for e-Service fee	Date: 22.12.2022 Time: 5.00 pm	Date: 13.01.2023 Time: 10.00 am

e-Tender is invited for the purchase of below-mentioned items in single stage two cover system i.e. Request for Pre-Qualification / Technical Bid (online Bid under PQQ / Technical Envelope) and Request for Commercial Bid (comprising of price bid Proposal under online available as BOQ) :

- 1. Detailed notice inviting tender can be seen in the office of the undersigned during office hours.
- 2. Bidding documents available on website <u>http://mdurohtak.ac.in</u>
- 3. The bidders would submit bid through e-tendering only on the website i.e. http://www.etenders.hry.nic.in

Under this process, the Pre-qualification/ Technical online bid Application and online Price Bid shall be invited at single stage under two covers i.e. PQQ/Technical & Commercial Envelope. Eligibility and qualification of the Applicant will be first examined based on the details submitted online under first cover (PQQ or Technical) with respect to eligibility and qualification criteria prescribed in this Tender document. The Price Bid under the second cover shall be opened for only those Applicants whose PQQ/ Technical Applications are responsive to eligibility and qualifications requirements as per Tender document.

1. <u>The payment for Tender Document Fee and e-Service Fee shall be made by eligible bidders through online mode only and the payment for EMD can also be made online.</u>

- 2. Intending bidders will be mandatorily required to online sign-up (create user account) on the website https://etenders.hry.nic.in to be eligible to participate in the e-Tender. <u>He/She will be required to make online payment of EMD fee. The intended bidder failing to pay EMD fee under the stipulated time frame shall not be allowed to submit his / her bids for the respective event / Tenders.</u>
- 3. The interested bidders must remit the funds at least T+1 working day (Transaction day + One working Day) in advance i.e. <u>on or before</u> <u>; and make payment through online mode only and submit their bids on or before the expiry date & time of the</u> <u>respective events/Tenders at https://etenders.hry.nic.in</u>.

The interested bidders shall have to pay mandatorily e-Service fee Rs. 1180/- (Rupee One Thousand one hundred eighty Only), and Tender Document Fees (Non refundable) Rs.1,000/- (Rupees One thousand only) through online mode only.

The Bidders can submit their tender documents (Online) as per the dates mentioned below:

Key Dates

Sr. No.	Department Stage	Bidder's Stage	Start date and time	Expiry date & time
1		Tender Document Download	Date: 22.12.2022	Date: 13.01.2023
		and Bid Preparation/Submission	Time: 5.00 pm	Time: 10.00 am
2	Technical Bid Opening *		Date: 16.01.2023	
			Time: 11.00 am	
3	Commercial Bid Opening		After evaluating the Tec	hnical Bids

Important Note:

- 1) The Applicants/bidders have to complete 'Application / Bid Preparation & Submission' stage on scheduled time as mentioned above. If any Applicant / bidder failed to complete his / her aforesaid stage in the stipulated online time schedule for this stage, his / her Application/bid status will be considered as 'Applications / bids not submitted'.
- 2) Applicant/Bidder must confirm & check his/her Application/bid status after completion of his/her all activities for e-bidding.
- 3) Applicant/Bidder can rework on his/her bids even after completion of 'Application/Bid Preparation & submission stage' (Application/Bidder Stage), subject to the condition that the rework must take place during the stipulated time frame of the Applicant/Bidder Stage.
- 4) In the first instance, the online payment details of tender document fee + e-Service and EMD & PQQ/Technical Envelope shall be opened. Henceforth financial bid quoted against each of the item by the shortlisted bidder/ Agency wherever required shall be opened online. The bidders can submit their bids through online as per the dates mentioned in the schedule/Key Dates above.

The bids shall be submitted online in two separate envelopes:

Envelope 1: Technical Bid

The bidders shall upload the required eligibility & technical documents online in the Technical Bid.

Envelope 2: Commercial Bid

The bidders shall quote the prices in price bid format under Commercial Bid.

CONDITIONS :

- 1. DNIT & prequalification criteria can be seen on any working day during office hours in office of the undersigned.
- 2. Conditional tenders will not be entertained & are liable to be rejected.
- 3. In case the day of opening of tenders happens to be holiday, the tenders will be opened on the next working day. The time and place of receipt of tenders and other conditions will remain unchanged.
- 4. The undersigned reserves the right to reject any tender or all the tenders without assigning any reason.
- 5. The societies shall produce an attested copy of the resolution of the Co-operative Department for the issuance of tenders.
- 6. The tender without earnest money/bid security will not be opened.
- 7. The Jurisdiction of court will be at **Rohtak**, Haryana.
- 8. The tender of the bidder who does not satisfy the qualification criteria in the bid documents is liable to be rejected summarily without assigning any reason and no claim whatsoever on this account will be considered.
- 9. The bid for the work shall remain open for acceptance during the bid validity period to be reckoned from the last date of 'Manual submission of BS. If any bidder/aspirant withdraws his bid/tender before the said period or makes any modifications in the terms and conditions of the bid, the earnest money shall stand forfeited. Bids shall be valid for 180 days from the date of bid closing i.e. from last date of manual submission of EMD. In case the last day to accept the tender happens to be holiday, validity to accept tender will be the next working day.

For & on behalf of Registrar, MDU, Rohtak

Head, Department of Physics M. D. University, Rohtak

TERMS AND CONDITIONS GOVERNING THE TENDERS FOR THE SUPPLY

- 1. Every e-tender shall be accompanied by the Earnest Money of 2 % of quoted amount and Rs. 1,000/- as tender fee and Rs. 1,180/ for e-services fee should be deposited **through online mode only**.
- 2. The e-tender received without earnest money or after the due date shall not be entertained (except with the special approval of the competent authorities for MSME only).
- 3. The e-tenders shall be opened in the office of Head, Department of Physics, M.D. University, Rohtak on _16.01.2023_ by the Purchase Committee.
- 4. The goods shall be supplied by the Supplier within the time limit specified in the supply order. In case, the material is not supplied within the delivery period, the supplier shall be liable to pay compensation amount equivalent to 1% (one percent) of the cost of material each day to the University or such other amount as the University may decide till the supply remains incomplete, provided that the total amount of compensation shall not exceed 10% (ten percent) of the total amount of the cost of material supplied. Appeal against these orders shall, however, lie with the Vice-Chancellor, M.D. University, Rohtak whose decision shall be final.
- 5. Only the firms having GST No. can quote their rates for required items.
- 6. HSN Code must be entered in the hard copy while quoting the rates.
- 7. FOR shall be Department of Physics, M.D. University, Rohtak.
- 8. All the charges including packing, forwarding and installation, taxes and other levies should be specified in the tender. The charges etc. not specified in the tender shall not be paid.
- 9. The EMD tender fee etc. exemption be allowed for those MSMEs registered with Govt. of India (Ministry of Micro, Small and Medium Enterprises) and located in State of Haryana only (as per Haryana State Public Procurement Policy for MSMEs 2016 vide G.O. No. 02/02/2016-41B11(1) dated 20/10/2016).
- 10. The quantity of material/supplies shall be subject to increase or decrease on the tendered rates. This increase or decrease shall be communicated by the University within 180 days of acceptance of the tender.
- 11. Supplies shall be made as per the schedule and within such time as is indicated in the supply order.
- 12. The rates accepted by the University shall be applicable up to 180 days and the supplier shall have to make supply during the period as and when required.
- 13. The University is situated within the Municipal Limits. As such, Octroi, if any, shall be payable. In case, the material is supplied through a Transport Company by road, the Transport Company's charges, labor charges and octroi charges shall be borne by the supplier. It may be mentioned specifically as to whether the material will be sent by rail or by road through a Transport Company.
- 14. Guarantee/warrantee of items must be mentioned.

- 15. No tender documents will be issued separately and rates are to be offered on company's letter pad.
- 16. If a holiday occurs on the opening day, the tenders will be opened on the next working day.
- 17. The packing, forwarding, freight, insurance charges etc. may be quantified in terms of amount. These charges will not be payable against any vague statement such as "packing, forwarding, freight and insurance charges etc. extra".
- 18. In case, the supplier/contractor fails to execute the supply order/contract on the rates, and terms and conditions as contained in the supply order within the stipulated period, they shall be liable to such action as blacklisting, debarring from having any business with this University, forfeiture of earnest money/security, besides any other action as may be deemed proper by the University.
- **19.** As a general policy, the University tries to make 100% payment within 30 working days of the receipt of material subject to proper installation, wherever applicable, and satisfaction of the Inspection Committee. No advance payment or payment against documents negotiated through Bank shall be made.
- 20. The acceptance of the material shall be subject to a satisfactory report of this Office's Inspection Committee/Technical Committee/Experts Committee.
- 21. The acceptance of the tender shall rest with the Registrar who does not bind himself to accept the lowest tender and reserves the right to reject any or all items of tender without assigning any reason thereof. The Registrar also reserves the right to accept tender in part i.e. any item or any quantity and to reject it for the rest.
- 22. It may be certified that you have not been debarred/blacklisted for any reason/period by DGS&D, DS&D (Haryana) or any other Central/State Govt. Dept./University/PSU etc. If so, particulars of the same may be furnished. Concealment of facts shall not only lead to cancellation of the supply order, but may also warrant legal action.
- 23. In case, any other information/clarification is required, the undersigned may be contacted at Telephone No. 9215701113 on any working day (Monday to Friday) during office hours (9 a.m. to 5.00 p.m.) or by sending e-mail at : <u>hod.physics@mdurohtak.ac.in</u>.
- 24. The Sub Committee reserves the right for negotiation thereafter if considered necessary.
- 25. The items be purchased from the firm(s) on the basis of quality and not merely on the lowest rates.
- 26. The rates should be quoted for required specifications. The technical specifications of machineries & equipments required must accompany the tender. The decision of the University will be final with regard to the quality of material to be purchased.
- 27. The tender should be submitted only if the material is readily available in your stock or can be supplied within 60 days after the order is placed.
- 28. Terms and conditions printed on tender/Invoice of the firm, if any, shall not be binding on the University, except those mentioned specifically on the supply order of MDU, Rohtak, and your acceptance of the order shall be construed as your agreement to all the terms and conditions contained in the order.
- 29. The dispute, if any, shall be subject to the jurisdiction of Courts at Rohtak. Any other jurisdiction mentioned in the tender or invoices of

the manufacturers/distributors/ dealers/suppliers etc. shall be invalid and shall have no legal sanctity.

Signature _____

Name of the firm with seal/stamp ______ Affix Rubber Stamp of the firm For & on behalf of Registrar, MDU, Rohtak

Head, Department of Physics M. D. University, Rohtak

TECHNICAL DOCUMENTS

S.No	Description	Bidders Response	Remarks
		(Yes/No)	
1.	Copy of PAN Card		
2.	Copy of Income Tax Return for the last 3 years		
3.	Copy of GST Number of the firm		
4.	List of institutions where such machines have been supplied. The firm has experience of at least 05 years with similar instruments with confirmed orders. Verified order copies with 80% of single under Bid value or 50 % of two under Bid value.		
5.	Satisfaction report regarding the supply of similar items from the institution (if available)		
6.	Copy of Annual Turnover (last 03 years)		
7.	Email ID and Contact details of the Authorized person of the firm/company		

Technical Specifications:

List of Instruments required for the Radiation Physics Lab.

S.No.	Name of Instrument	Specifications	Qty
1	G M Counting System	G.M. Input (From G. M. Counter)	03
1.	Unit	Polarity: Negative	05
	Omt	Amplitude 250 mV (min)	
		Amplitude 250 mV (mm) Decelving Times (micro coo (connex))	
		EUT Outout. Variable EUT using tentum net unter a meninum of 1500 sults at 1 m 4. Line and	
		EFT Output: Variable EFT using tentum pot upto a maximum of 1500 volts at 1 mA. Line and	
		load regulation better than 0.05% .	
		Ripple less than 20m V.	
		Display: 20 x 2 LCD dotmatrix display has been provided to indicate data counts, Elapsed Time	
		and HV.	
		Modes of operation: Preset count & preset time modes.	
		Counts Capacity: 999999 counts Preset time:-(0-9999) sec.	
		Data Storage: Upto 1000 readings	
		Command Buttons: START, STOP, PROG, STORE, INC & DEC command buttons have been	
		provided on the front panel key pad.	
		Programmability: Includes selection of Preset Time, Storing / Recalling of data, Starting and	
		stopping of acquisition, label assignment for data counts BG (Background), ST (Standard) & SP	
		(sample) etc.	
		Printer Port: Built-in Centronics port facilities connection to a printer for direct data printing	
		selectively.	
		Serial Port: USB facilities data communication to PC under programme control.	
		Paralysis Time: A choice of three paralysis times 250, 350 and 550 micro sec plus OFF position	
		selected through PROG key.	
		G.M. Socket: MHV connector for connecting to G.M. Detector.	
		Power: Unit is powered works on 230V AC 50Hz through power / adapter which delivers +12V	
		input to unit.	

2.	G.M Tube as Detector.	Its operating voltage is approximately 500V. It has got a very wide plateau length and plateau slope	03			
		is better than 6% per 100V. It is enclosed in a PVC cylindrical enclosure for protection & supplied.				
		An MHV socket provided on one side of the PVC enclosure facilitates one to connect to detector				
		socket on rear panel of the counting system.				
		Application: Suitable for Alpha, Beta & Gamma Counting.				
		Operating Voltage Range: $(450 - 600V)$.				
		Tube Dimensions: Max. overall length 2.125 inches.				
		Max. Diameter: 0.59 inches				
		is filled: Ne + Hal.				
		End Window: mica 2.0 mg/cm sq. density.				
		Gamma Sensitivity: 18 cps / mR/hr.				
3.	G.M. Detector sliding	It consists of a bench with sliding groves with a graduated S.S scale fixed on one side of it upto	03			
	bench with detector holder	50cm/20 inches., Mounting mound for GM Tube Detector, Absorber Holder, Source Holder.				
	& source holder					
4.	Aluminum Absorber Set.	Set-I-Aluminum absorber discs with different thickness range 20 to 300 mg/cm.sq, Diameter -50	03			
		mm.				
		Set-II- Aluminum absorber set consists of 15 aluminum foils with thickness 0.05 mm with				
		supporting frame.				
		Set-III Lead Block Rectangular				
5.	Software for GM	Data Communication software CD & USB A to B cable (For downloading data into PC)	01			
	Counting System					
6.	Radioactive (Beta).	Beta radioactive source disc is evaporated & sealed on 25mm X 10mm thick plastic disc & covered	03			
	Supplied as guidelines of	with 10 mg/sq.cm aluminized mylar film.				
	Atomic Energy	1. Tl-204.				
	Regulatory Board (AERB)	2. Sr-90.				
		3. Co-60.				

7.	Gamma Ray Spectrometer	Consists of following parts in built.	01
		MINIBIN AND POWER SUPPLY: - Accommodates SIX / EIGHT single bit modules or	
		combination of multiple widths with Amphenol connectors. Minibin is primarily designed with the	
		objective of conserving bench space and to achieve significant saving in cost of the Minibin based	
		systems. Bussed wiring is provided to the power connectors to distribute +/- 12V and +/- 24V. A	
		control panel with ON/OFF switch, low voltage test sockets is provided on the right extreme side	
		of the bin.	
		Power supply: This is either two and half bit module or a compact box type enclosure fitted at the	
		back of this bin, which generates highly regulated D.C voltages.	
		Input: 230V +/- 10%) A.C, 50Hz.	
		D.C Output: +12V @1.5A, -12V @ 1.5A, +24V @ 0.75A, -24V @ 0.75A 72 watts maximum.	
		Resolution Better than $+/-0.3\%$.	
		Noise & Ripple Less than 3mV (rms).	
		Stability +/- 0.5% after a 24 hr warm-up at constant line, load & ambient temp.	
		HIGH VOLTAGE UNIT	
		Output voltage variable continuously from 0V to 2000 volts.	
		Output current (max) 1mA.	
		Load & Line regulations: Better than 0.05% of full scale.	
		Indefinite over load & short circuit protections and self-recovery.	
		Output ripple less than 10mV (rms).	
		Dimensions: Single / Two bit module	
		LINEAR AMPLIFIER	
		Input Polarity: Positive or Negative	
		Total gain (Typical): 800 (approx)	
		Output (Unipolar): 0 to 8V	
		Max. output (Unipolar): 12V	
		Dimensions: Two bit module	
		SINGLE CHANNEL ANALYSER	
8.	Scintillation Detectors	Size 2" x 2" Flat type with built-in Pre-Amplifier.	01
		Resolution: - 8.5%.	
		Photo multiplier: - R6095 of Hamamatsu or its equivalent.	
		Pre-amplifier: - In Built.	
		Gain (Approx.): - 25.	
		Noise (RMS. referred to input): -Less than 50 μ V.	
		Operating Voltage: -600 to 900 V.	
		Output: - Positive Tail Pulse.	
		Output impedance: - 90 Ohms.	

9.	Scintillation Detectors	Consists of a bench with sliding groves with a graduated S.S scale fixed on one side of it upto	01						
	Stand with other	50cm/20 inch, Absorber Holder, Source Holder, Stand for scintillation detector, Scatter stand,							
	Accessories	s of a bench with sliding groves with a graduated S.S scale fixed on one side of it upto 0 inch, Absorber Holder, Source Holder, Stand for scintillation detector, Scatter stand, um absorber set, Copper absorber set. a Reference Standard set: Gamma sources evaporated & sealed on 25mm dia x 5mm plastic vering SIX photopeak energies in the range of 3 to 5 micro curie. ts of 5 gamma disc sources: (Ba-133, Cs-137, Co-57, Co-60 and Na-22) and one dummy s of 40 mm thick lead shielding cylindrical rings assembled according to the detector. There vision in the bottom ring through which system connections are given to the detector, which d inside the lead shield. For Detector 2x2. Microcontroller based ms: Program, Run, Results r: 32 Characters alphanumeric high contrast LCD module. Nos. Capacity: 99999 Counts. ime: Less than 10µs. me Window: Adjustable from 1 to 10 sec. through keys. Pre-sparking & Counting Voltage adjustable individually from 100 to 1000 V with keys 230V AC							
10.	Radioactive (GAMMA).	Gamma Reference Standard set: Gamma sources evaporated & sealed on 25mm dia x 5mm plastic	01						
	Supplied as guidelines of	disc covering SIX photopeak energies in the range of 3 to 5 micro curie.							
	Atomic Energy	[Consists of 5 gamma disc sources: (Ba-133, Cs-137, Co-57, Co-60 and Na-22) and one dummy							
	Regulatory Board (AERB)	source]							
11.	Lead Shielding for	Consists of 40 mm thick lead shielding cylindrical rings assembled according to the detector. There	01						
	Scintillation Detector	is a provision in the bottom ring through which system connections are given to the detector, which							
		is placed inside the lead shield. For Detector 2x2.							
12.	Spark Counter	Design: Microcontroller based	01						
	_	Functions: Program, Run, Results							
		play: 32 Characters alphanumeric high contrast LCD module.							
		/s: 4 Nos.							
		ts Capacity: 99999 Counts.							
		d Time: Less than 10µs.							
		Gate Time Window: Adjustable from 1 to 10 sec. through keys.							
		EHT: -Pre-sparking & Counting Voltage adjustable individually from 100 to 1000 V with keys							
		Power: 230V AC							
		Data Storage Capacity: Up to about 500 Samples							
		Data Transfer to PC: Through USB port (Software Provided for Window platform)							
		Sparking Head: Area 1 cm ² accurate to 3 rd decimal (mounted on a tripod stand)							
		Accessories							
		1. Single side Aluminum coated Mylar film (5 Sq. ft): Film Thickness: 25 micron, Coating							
		thickness: -0.1 mg/cm ² .							
		2. Whatman GF/A Filter Paper for Dosimeter Size: 65 mm diameter							

COMMERCIAL DOCUMENTS/ (BOQ)



Tender Inviting Authority: Registrar, Maharshi Dayanand University Rohtak

Name of Work: Purchase of Instruments for Radiation Physics Lab.

Contract No: 9215701113

Name of the		
Bidder/		
Bidding		
Firm /		
Company :		

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent 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 #	TEXT #	NUMB	TEXT	NUMBE	NUM	NUMB	NUM	NUM	NUM	NUM	TEX
			ER #	#	R	BER	ER	BER	BER	BER	BER	Т#
						#			#	#	#	
SI.	Item Description	Item	Quant	Units	Estimat	BASI	GST	GST	HSN	TOT	TOT	тот
No.		Code /	ity		ed Rate	С	(lf	Amo	- 1	AL	AL	AL
		Make			in	RAT	applic	unt	SAC	AMO	AMO	AMO
					Rs. P	E In	able in	in	Cod	UNT	UNT	UNT
						Figu	Perce	Rs.	е	exclu	inclu	In
						res	ntage)	Ρ		ding	ding	Wor
						То				taxes	taxe	ds
						be				in	S	
						enter				Rs.	Rs.	
						ed				Р	Р	
						by						

						the Bidd						
						er in Rs.						
						P						
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Laboratory Equipments											
1.01			3.00	Nos				0.00		0.000	0 000	INR
1.01	G.M Counting System Unit		5.00	1105				0.00		0.000	0.000	Zero
1.00		item1	2.00	Nee				0.00		0.000	0.000	Only
1.02	G.M Tube as Detector		3.00	INOS				0.00		0.000	0.000	INR Zero
		item2										Only
1.03	G M. Detector sliding bench with		3.00	Nos				0.00		0.000	0.000	INR
	detector holder & source holder	it am 2										Zero Onlv
1.04		Items	3 00	Nos				0.00		0 000	0 000	INR
1.01	Aluminum Absorber Set		0.00	1100				0.00		0.000	0.000	Zero
		item4										Only
1.05	Software for CM Counting System		1.00	Nos				0.00		0.000	0.000	INR Zoro
	Software for GM Counting System	item5										Only
1.06	Radioactive (Beta) Supplied as		3.00	Nos				0.00		0.000	0.000	INR
	guidelines of Atomic Energy											Zero
	Regulatory Board (AERB)	item6										Only
1.07	Common David Consideration of the		1.00	Nos				0.00		0.000	0.000	INR Zara
	Gamma Ray Spectrometer	item7										Only
1.08			1.00	Nos				0.00		0.000	0.000	INR
	Scintillation Detectors											Zero
4.00		item8	4.00	Nex				0.00		0.000	0.000	Only
1.09	Scintillation Detectors Stand with		1.00	INOS				0.00		0.000	0.000	INK Zero
	other Accessories	item9										Only

1.1	Radioactive (GAMMA). Supplied as guidelines of Atomic Energy Regulatory Board (AERB)	item1 0	1.00	Nos			0.00	0.000	0.000	INR Zero Only
1.11	Lead Shielding for Scintillation Detector	item1 1	1.00	Nos			0.00	0.000	0.000	INR Zero Only
1.12	Spark Counter	item1 2	1.00	Nos			0.00	0.000	0.000	INR Zero Only
Total in Figures								0.000	0.000	INR Zero Only
Quoted Rate in Words					INR Ze	ero Only				

For & on behalf of Registrar, MDU, Rohtak **Head, Department of Physics, M.D.U., Rohtak.**