University of Rajasthan

SHORT TERM TENDER NOTICE

No. F-9/G.Ad./eprocurment Cell/2020/9270 **Dated :** 9/1/20

Online Bids in two stage are invited from reputed suppliers/companies/firms upto 23 Jan. 2020 at 2:00 P.M. for supply of Lab. Equipment etc. under UGC XIIth Plan. Details may be seen in the Bidding Document available of the State Public Procurement Portal http://sppp.raj.nic.in, http://eproc.rajasthan.gov.in or www.uniraj.ac.in of the University of Rajasthan, Jaipur. The bidding document may be downloaded from there.

Registrar
University of Rajasthan
Jaipur

UNIVERSITY OF RAJASTHAN

Jawahar Lal Nehru Marg,
Jaipur – 302 004, India

E- TENDER DOCUMENT

FOR

Procurement of Equipment under UGC XII Plan

Mode of Bid Submission	**Online (E-Tender)**
Procuring Entity	Registrar, University of Rajasthan, Jaipur- 302004
Date & time of the On-line submission	9 Jan. 2020 at 3:00 P.M.
Last Date & Time of On-line Submission of Technical and Financial Bids	23 Jan. 2020 at 2:00 P.M.
Date & Time of Opening of On-Line Technical Bid	23 Jan. 2020 at 2:00 P.M.

- **Cost of E- Tender Document: Rs. 1000/- (Rs. One thousand Only)**
- **EMD for the Procurement of Equipment under UGC XII Plan: As per details given in Chapter-2 of this tender**
- **E-Tender Processing Fee in favour of MD, RISL, Jaipur -1000/- (Demand Draft/Banker's Cheque)**

Tender Document Fee Detail

Bidder's Name: _____

Address: _____

_____

_____

Phone: _____ **Fax :** _____

Email: _____

(1.) Tender Fee:

Bank Demand Draft/ Banker's Cheque Detail:

Number: _____ **Dated:** _____ **Bank Name:** _____

for **Rs. 1000/- (Rs. One thousand Only)** in favour of **Registrar, University of Rajasthan, Jaipur**, payable at Jaipur

(2.) Processing Fee :

Bank Demand Draft/ Banker's Cheque Detail:

Number: _____ **Dated:** _____ **Bank Name:** _____

for **Rs. 1000/-** only (Rs. One Thousand Only) in favour of **MD, RISL, Jaipur**

(3.) EMD:

Bank Demand Draft/ Banker's Cheque Detail:

Number: _____ **Dated:** _____ **Bank Name:** _____

For ...../- only (Rs. .....) in favour of **Registrar, University of Rajasthan, Jaipur,** payable at Jaipur

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GUIDELINES FOR NOTICE INVITING E-BIDS

1) Registrar, University of Rajasthan invites tenders for purchase of **the Procurement of Equipment under UGC XII Plan** who meet the minimum eligibility criteria as specified in this bidding document.
2) The complete bidding document has been published on the website www.eproc.rajasthan.gov.in, http://sppp.raj.nic.in and www.uniraj.in for the purpose of downloading.
3) Bidders who wish to participate in this bidding process must register on www.eproc.rajasthan.gov.in, http://sppp.raj.nic.in and www.uniraj.in
4) To participate in online bidding process, bidders must procure a Digital Signature Certificate (DSC, Type III) as per Information Technology Act-2000 using which they can digitally sign their electronic bids. Bidders can procure the same from any CCA approved certifying agency. i. e. TCS, safe crypt, N code etc. Bidders who already have a valid Digital Signature Certificate (DSC) need not procure a new DSC.
5) A single stage one envelope selection procedure shall be adopted.
6) Bidder (authorized signatory) shall submit their offer online only in Electronic formats both for technical and financial proposal. However, DD for Tender Fees, RISL, Processing Fees and EMD should be submitted physically at the office of procuring entity as prescribed in NIT and scanned copy of same should also be uploaded along with the technical bid cover.
7) Department will not be responsible for delay in online submission due to any reason, for this Bidders are requested to upload the complete bid well advance in time so as to avoid 11th hour issues like slow speed; choking of website due to heavy load or any other unforeseen problems.
8) Bidders are also advised to refer "Bidders manual Kit" available at e-Proc website for further details about the e-tendering process.
9) Training for the bidders on the usage of e-Tendering System (e-procurement) is also being arranged by RISL on regular basis. Bidders interested for training may contact e-Procurement Cell, RISL, Jaipur for booking the training slot. The Help desk No. of RISL is 0141-4022688.
10) Only the Firms/Companies who have participated in EOI, will be permitted to participate in this tendering process.
11) No contractual obligation whatsoever shall arise from the RFP/bidding process unless and until a formal contract is signed and executed between the procuring entity and the successful bidders.
12) Department disclaims any factual or other errors in this document (the onus is purely on the individual bidders to verify such information) and the information provided herein are intended only to help the bidders to prepare a logical bid-proposal.
13) **The Provisions of "The Rajasthan Transparency in Public Procurement Act. 2012 & The Rajasthan Transparency in Public Procurement rules 2013" will also apply.**

REGISTRAR
University of Rajasthan
Jaipur

CHAPTER-1

NOTICE INVITING E-BID

SCHEDULE OF E-BID

Notice Inviting Bids No. and Date	**F.9/G.Ad./e procurement cell/2020/..9270 Date: 9-1-2020**
Name of the work	**the Procurement of Equipment under UGC XII Plan**
Cost of the Bid Document (non-refundable)	**Rs. 1000/-** Demand Draft/ Banker's Cheque in favour of Registrar, University of Rajasthan, Jaipur
Place of Information about the work and Bid documents	Office of the Registrar, University of Rajasthan, Jaipur in G.Ad. eprocurement Cell
Last date & time for submission of Tender Document including Tender Fee, EMD, Technical and Financial Bid and Other Related Documents	**23 Jan. 2020 at 2:00 PM** University of Rajasthan, JLN Marg, Jaipur
Bid Opening of Date, Time & Venue	**23 Jan. 2020 at 3:00 PM** V.C. Secretariat
Websites of downloading Tender Document, Corrigendum's amendments etc.	www.uniraj.ac.in, http://sppp.raj.nic.in and www.eproc.rajasthan.gov.in,
Bid Validity	Mentioned in Chapter -2 of tender form
Earnest Money Deposit	**EMD for equipments: As per details given in Chapter-2 of this tender** Demand Draft/ Banker's Cheque in favour of Registrar, University of Rajasthan, Jaipur
Validity Period of Bids	**90 days**

Note:

(1) Bidders are advised to study the Tender Document, the Rajasthan Transparency in Public Proc. Act, 2012, and Rules 2013 carefully. Submission of Bid shall be deemed to have been done after careful study and examination of the Bid Document, Act & Rules with full understanding of its implication.

(2) The procuring entity reserves the right to accept or reject any bid and to cancel the bidding Process and reject all bids without assigning any reason at any time prior to contract award without thereby incurring any liability to the bidders.

(3) Bidders must ensure compliance to **Chapter 4** and enclose required documents carefully to avoid their disqualification.

(4) The University shall not be responsible for any delay in submission of the Bids/Documents.

(5) The cost of equipment must be given in Indian Rupees only. Bidder must clearly mention the discount offered (if any) on the equipment in the tender document.

(6) Bidder must clearly mention the warranty period and the charges for service thereafter in the tender document. These must not be clubbed with the actual price of equipment.

(7) The S.D. will be refunded only after S.D. refund due date / Warrantee period (whichever will be later).

(8) If any firm outside India is submitting tender document, it must enclose a certificate that it has its service centre in India and must provide the name of Indian dealer for any discussion. The rates of equipment in that case will be accepted in such case in Indian Rupees or its equivalent in US$.

REGISTRAR
University of Rajasthan

CHAPTER – 2

NOTICE INVITING BIDS: TERMS

OFFICE OF THE REGISTRAR, UNIVERSITY OF RAJASTHAN, JAIPUR

Phone No.: 0141-2706813

Fax No.: 0141-2709582

Email Address: registraruor@yahoo.com

NOTE:

The Law relating to procurement "The Rajasthan Transparency in Public Procurement Act, 2012" and the "Rajasthan Public Procurement Rules, 2013" under the said act have come into force which are available on the website of State Public Procurement Portal http://sppp.raj.nic.in. Therefore, the bidders are advised to acquaint themselves with the provisions of the Act and the Rules before participating in the bidding process. If, there is any discrepancy between the provisions of the Act and Rules and this Bidding document, the provisions of the law shall prevail.

NIB No: F-9/G.Ad./eprocurement Cell/2020/..9.2.7.0 **Date: ..9.../...../.2.0.2.0**

1. Two Stage unconditional online electronic E-bids are invited on behalf of the University of Rajasthan, Jaipur **the Procurement of Equipment under UGC XIIth Plan** as listed below, from the Original Manufacturer/Authorised Dealers upto **23 Jan. 2020 at** 2:00 PM.

S.No.	Name of Item(s)	Quantity	Total Estimated Cost (in Rs.)	Amount of EMD (Rs)
Procurement of Equipment under UGC XII Plan:				
FOR DEPARTMENT OF PHYSICS				
1.	USB based 1024 Channel Multi-Channel Analyzer	1	1,00,000	2,000.00
2.	GM Counter with Alpha, Beta &Gamma Radioactive source Kit	1	2,00,000	4,000.00
3.	GM Tubes	2	17,000	340.00
4.	Electron Spin Resonance Spectrophotometer	1	50,000	1,000.00
5.	Magnetic Hysteresis Loop Tracer	1	50,000	1,000.00
6.	Thickness of thin-film foil measurement setup	1	15,000	300.00
7.	Absorption Coefficient of Liquid with photo volatile cell	1	15,000	300.00
8.	Lattice Dynamic Setup	1	50,000	1000.00
9.	Digital Gausses meter	1	25,000	500.00
10.	Function Generator	1	50,000	1,000.00
11.	Digital Millimeter	1	24,000	480.00
12.	Power Supply (+12, -12, +5V)	1	24,000	480.00
13.	Optoelectronic Device Characteristics Setup	1	30,000	600.00
14.	Digital Signal Oscilloscope (DSO)	1	50,000	1,000.00
15.	Klystron X-Band Based Microwave Test Bench	1	1,00,000	2,000.00
FOR DEPARTMENT OF ZOOLOGY				
16.	Gel Filtration Unit/ FPLC/ Chromatography System	1	30,00,000	60,000.00
17.	Incubator Shaker	1	12,00,000	24,000.00
18.	pH Meter Table Top	1	1,00,000	2000.00

19.	Weighing Balance 4 Digit	1	80,000	1,600.00
20.	Autoclave 45 to 70 Letter capacity	1	70,000	1,400.00

2. E-tender document prepared in accordance with the procedure enumerated in **"Instructions to Bidders"** should be submitted electronically to the Registrar, University of Rajasthan, Jaipur not later than the date and time, notified in **"Schedule of E-Bid"**.
3. The Bids are being invited electronically, the procedure for submission of Bids including payment of price of Bidding documents, user charges/ processing fee, Bid Security, etc. shall be as provided on the State Public Procurement Portal.
4. Bids submitted electronically after the specified date and time shall not be accepted.
5. The online submitted Technical Bids shall be opened on **23 Jan. 2020 at 3:00 PM** in the office of the Procuring Entity (Registrar, University of Rajasthan, Jaipur) by the procuring committee in the presence of the Bidders or their representatives who wish to be present.
6. **In case due date happens to be holiday, the Tender will be accepted and opened on the next working day. The timing will remain the same.**
7. The procuring Entity is not bound to accept the lowest Bid and may reject any or all Bids without assigning any reason thereof.
8. The Bidders shall have to submit a valid 'GST' clearance certificate from the concerned Commercial Taxes Officer and the 'PAN' issued by Income Tax Department.

REGISTRAR
University of Rajasthan,
Jaipur

CHAPTER 3

SCOPE OF THE WORK AND TECHNICAL SPECIFICATIONS

(Item No. 1): USB based 1024 Channel Multi-Channel Analyzer

a) **ADC:** 1K Channel Wilkinson type, 48 MHz clock frequency, Conversion time: 20 μ sec for FS input, ADC control through SiLab F340 microcontroller via USB interface, USB cable length up to 5 meters, Differential Non-Linearity less than 1%
b) **Power**: From USB port of PC / Laptop
c) **Data Memory**: 1024 channels, Data Storage on PC hard disk
d) **Data Acquisition & and Spectrum Analysis Software:** Acquisition and display of Gamma Spectrum, Energy Calibration, ROI selection, Area Calculation, Peak information, Spectrum stabilization & spectrum smoothening

(Item No. 2): GM Counter with Alpha Beta & Gamma Radioactive source Kit

Technical Specification -

GEIGER COUNTINGSYSTEM

G.M. Input (From GMCounter): Polarity:Negative, Amplitude: 250 mV(min), **Resolving Time:** 6 micro sec (approx.), **EHT Output:**Variable EHT using ten turn pot upto a maximum of 1500 volts at 1mA. Line and load regulation better than 0.05%. Ripple less than 200mV(rms)., **Display :**20x2 LCD dot-matrix display has been provided to indicate data counts,Elapsed Time and EHT, **Modes of operation:** Preset count & Preset time modes, **Counts Capacity:**999999 counts, **Preset time :**(0-9999) sec, **Data Storage: Up** to 1000 readings, **Command Buttons:**Command buttons(e.g.START, STOP, PROG, STORE etc.) on the front panel keypad, **Programmability:** Includesselection of Preset Time, Storing / Recalling of data, Starting and stopping of acquisition, label assignment for data countsBG(Background), ST (Standard) & SP (sample)etc. **Printer Port:** Built-in Centronics port facilities connection to a printer for direct data printing selectively, **USB Serial Port:** Built-in USB serial port facilitates data down loading into PC, **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.

GM TUBE

LND makes type 72314 or its equivalent, enclosed in a PVC tube & fitted with MHV socket for applying HV bias, **Window:** Areal Density - mg/cm sq.: 1.5 - 2.0, Eff. Diameter - Inches: ~1.15, Material: Mica, **Wall:** Thickness - Inches: ~0.06, Eff. Length - Inches: ~1.5, Eff. Diameter - Inches: 1.125, **Tube Dimensions:** Material Diameter - Inches: ~1.32, Max Overall Length - Inches: ~2.1, Gas Filing: Ne + Hal. **Gamma Sensitivity:** minimum 50 CPS / mR/hr (Co^{60}), **Operating voltage range (in volts):** 450-750V.

STAND FOR MOUNTING GM TUBE

The detector holder should be made of Aluminum with Cylindrical depression, to hold the detector. It should additionally provide with sample & absorber trays. Sample tray facilitates to place 25mm diameter planchets for sample counting.

ALPHA, BETA AND GAMMA RADIOACTIVE SOURCE KIT (1 SET EACH)

a) A set of FIVE Beta reference sources (Co-60, Ca-45, Sr90+Yt-90, Tl-204, Pm-147,Dummy) evaporated and sealed on 25mm dia x 5mm plastic disc covering FIVE photopeak energies with activity in the range of 2 to 10 microcurie.
b) A set of FIVE Gamma reference sources (Co-57, Ba-133, Na-22, Cs-137, Co-60, Mn-54) evaporated and sealed on a 25mm diameter x 5mm plastic disc covering ranging from 100KeV up to 1.33MeV energies with activity in the range of 2 to 10 microcurie.
c) Am-241 Alpha reference source electro deposited source on an SS planchet. A typical activity is in the range of 3000 to 5000 dpm.

ALUMINUM(Al) ABSORBERSET(OPTIONAL)
Aluminum Absorber Set shouldconsist of absorber discs indifferent thicknesses ranging from 20 to 300 mg/cm.sq. Each of theseabsorbersshould be mounted in anindividual plasticframe, which exactly fits into the absorber tray of the G.M.stand.
LEAD (Pb) ABSORBERSET(OPTIONAL)
Lead Absorber Set should consist of absorber discs in different thicknesses ranging from 20 to 300 mg/cm.sq. Each of these absorbersshould be mounted in an individual plastic frame, which exactly fits into the absorber tray of the G.M.stand.
LEADCASTLEWITHDOORFORG.MDETECTOR (OPTIONAL)
40mm lead shielding with 1mm aluminum
Note: For Optional Items Please Quote Price Separately

(Item No. 3) GM Tubes

Technical Specification -

LND make type 72314 or its equivalent, enclosed in a PVC tube & fitted with MHV socket for applying HV bias, **Window:** Areal Density - mg/cm sq.: 1.5 - 2.0, Eff. Diameter - Inches: ~1.15, Material: Mica, **Wall:**Thickness - Inches: ~0.06, Eff. Length - Inches: ~1.5, Eff. Diameter - Inches: 1.125, **Tube Dimensions:** Material Diameter - Inches: ~1.32, Max Overall Length - Inches: ~2.1, Gas Filing: Ne + Hal. **Gamma Sensitivity:** minimum50 CPS / mR/hr (Co^{60}). **Operating voltage range (in volts):** 450-750V.

(Item No. 4) Electron Spin Resonance Spectrophotometer

Technical Specification -

Helmholtz coils (152mm dia with 500 turns) 180x180x185mm separate coil arrangement Pickup coil with 40 turns and DPPH sample,Built-in Digital frequency meter, Complete unit housed in metal cabinet with effective electromagnetic shielding. Proper cables RG-59U for connection with oscilloscope. Digital display of frequency, peaks display, Digital display of Helmholtz Coil Current, Compatible with general-purpose CRO in X-Y mode. **ITEM Should be ISO 9001:2015 Certified**

Approximate Price: Rs. 50,000/-

(Item No. 5) Magnetic Hysteresis Loop Tracer

Technical Specification -

Setup should be capable of studying following properties of the material-
(i) Coercivity (ii) Saturation magnetization (iii) Retentivity (iv) Hysteresis loss (v) The number of phases present. The setup should consist of 200x250x200mm Solenoid coil with 3000 turns, power supply, and panel meter directly calibrated in gauss, nylon-based sample holder, pick-up coil and set of three samples: hard steel, soft iron & nickel. Provision for displaying J-H Loop, dj/dt loop and d^2j/dt^2 loop. Complete unit should be housed in metal cabinet with effective electromagnetic shielding. Proper cables RG-59U for connection with oscilloscope included with the setup.**ITEM Should be ISO 9001:2015 Certified**

Approximate Price: Rs. 50,000/-

(Item No. 6)Thickness of thin-film foil measurement setup

Technical Specification -

Determination of the thickness of a foil by measurement of the width of fringes in air wedge.
Six Position Vernier Microscope (X & Z Motion)
Microscope: Mounted on a travelling carriage fitted with 10x Ramsden eyepiece, cross-line graticule, Achromatic object 75 mm working distance, focusing by rack & pinion. **Scale:** Graduated in half millimetres on inlaid strip of nickel silver, Vernier attached, Microscope traverse, 16.5 cm. **Base:** Heavy cast iron, top nicely machined, travelling carriage slides on the top, which can be

clamped in any position. Fine motion screw for finer adjustment. Complete with case. **Motion:**Measure object in X as well as in Z direction.

Wooden Reflector, Lens on Wooden Stand

Air Wedge: Two optically plain glass plates of same thickness and having same length and width, resting on a black wooden piece. **Sodium Light source (Complete unit)**

(Item No. 7) Absorption Coefficient of Liquid with photo volatile cell

Technical Specification -

Setup should consist of wooden assembly withthe following parts.

- Micro ammeter Digital
- Source of Light ordinary 60/100-Watt Bulb.
- Convex Lens 75 mm diameter
- Photovoltaic Cell (Selenium type)
- Potentiometer
- Glass vessel graduated. Up to 50 ml
- Sample Powder for KMno4

(Item No. 8)Lattice Dynamic Setup

Minimum Technical Specification –

Setup should consist of -

1. Audio Oscillator with amplitude control and facility to vary the frequency in 2 (Two) selectable ranges (from 0.8 kHz to 8 kHz and from 8 kHz to 80 kHz)
2. Transmission line to simulates one- dimensional mono-atomic and di-atomic lattices
3. Provision to match the impedance of audio oscillator to simulated lattice.
4. Provision to match terminating impedance of simulated lattice.
5. Digital frequency counter (6-digit 7 segment displays)
6. BNC-BNC leads 2 nos.

(Item No. 9)Digital Gausses meter

Technical Specification -

Digital Gaussmeter with GaAs Transverse Probe. Range: 0-2KG, 0-20KG and 7 segment LED display with accuracy 0.5%.The complete unit should be housed in metal cabinet with effective electromagnetic shielding. The cabinet should be powder coated with plastic molding on edges. Proper cables for interconnections between different units should be included with the setup. The setup should be complete in all respect.

(Item No. 10)Function Generator

Technical Specification -

General Characteristics: Power: AC 100 ~ 240V, 45 ~ 65Hz, <30VA, Display: VFD display, USB Host, USB Device, Dual Output with Same Characteristic, Built-in 100MHz Frequency Counter, **Frequency Range:** Sine: 1μHz ~ 5MHz, Square Pulse: 1μHz ~ 5MHz, Others: 1μHz ~ 1MHz**Resolution:** 1μHz, **Accuracy:** ±20 ppm. **Waveform Type:** 11 build-in waveform (Sine, Square, Ramp, Pulse etc.) + 5user defined arbitrary waveforms, **Arbitrary Length:** 4096 points., **Sampling Rate:** 100 MSa/s, **Vertical Resolution**: 10 bits, **Amplitude:** Range Frequency < 8MHz: 0 ~ 10V p-p (50W), 0 ~ 20V p-p (open circuit), Frequency > 8MHz: 0 ~ 9V p-p (50W), 0 ~ 18V p-p (open circuit), Resolution: 2mV p-p (Amplitude & gt; 2V p-p).0.2mV p-p (Amplitude <2V p-p), **DC Offset (Amplitude 0V p-p):** Range: ±5V DC (50W), ±10V DC (open circuit).Resolution: 2mV DC, **Modulation (CHA):**FM, AM, PM Carrier Waveform: 16 waveforms, Sine, Square, Ramp etc. (only Pulse for PWM). PWM Modulating Waveform: 16 waveforms, Sine, Square, Ramp etc. Modulating Frequency: 2mHz ~ 20kHz, FSK Carrier Waveform: 16 waveforms, Sine, Square, Ramp etc., Hope Frequency: 1μHz ~ 5MHz, FSK Rate: 1mHz ~ 100kHz, **Frequency**

Sweep (CH A): Carrier Waveform: 16 waveforms. Sine, Square, Ramp etc., Sweep Mode: Linear or Logarithmic, Sweep Time: 50ms ~ 500s, **Burst (CH A):** Burst Waveform: 16 waveforms, Sine, Square, Ramp etc., Burst Count: 1 ~ 1000000, Internal Period: 1µs ~ 500s, Start / Stop Phase: 0° ~ 360°,**SYNC Output:** Waveform Characteristic: Square, edge time < 20ns,Output Level: TTL compatible, **Frequency Counter:** Frequency Range: 1Hz ~ 100MHz, Input Amplitude: 100mVrms ~ 7Vrms, Period: 50ms ~ 5s, **Software:** Arbitrary Waveform Editing PC Software

(Item No. 11)Digital Millimeter

Technical Specification -

General Features: True 4½ digits with 19999 count, Measures DCV, ACV, DCA, ACA, resistance, capacitance, frequency and temperature, Tests diode and continuity, Built-in math operations, Standard interface of the USB device

Basic Functions	Range	Best Accuracy
DC Voltage	200mV / 2V / 20V / 200V / 1000V	± (0.03% + 15)
AC Voltage	2V / 20V / 200V / 750V	± (0.4% + 50)
DC Current	200µA / 2000µA / 20mA / 200mA / 10A	± (0.1% + 30)
AC Current	200µA / 2000µA / 20mA / 200mA / 10A	± (0.7% + 30)
Resistance	200W 2KW / 20KW / 200KW / 2MW / 20MW	± (0.3% +40)
Capacitance	20nF / 200nF / 2µF / 20µF / 200µF / 2mF / 20mF	± (1.0% + 20)
Frequency	20Hz / 200Hz / 2000Hz / 20kHz / 200kHz / 2MHz / 20MHz / 200MHz	± (0.1% + 8)
Temperature	-200 ~ 800°C	± (1% + 30)

Other Functions: Display Count, Auto Range, Diode, Continuity, Null, Trigger, Math: dB, dBm
General Characteristics: Safety: Conform to IEC61010-1, CAT I 1000V / CAT II 600V, Interface: USB Device, Power: 110V / 220V (±10%), 50Hz (±5%), 8VA
Standard Accessories: Power Cord, Test Leads, Alligator Clip, Temperature Probe, CD (User's Guide)

(Item No. 12)Power Supply (+12, -12, +5V)

Technical Specification -

General Features: Multi-Output Linear DC Power Supply, Digitally Controlled Output Settings, Store / Load 10 Sets of Output Settings in Internal Memory, USB Interface, Programmable Arbitrary Variable Output by Feeding Coefficient of the Curve, User Friendly Front End, Fully Protected against Overload and Short Circuit5V/5A with Over Voltage Crowbar Protection for Digital ICs, Three Independent Outputs Electrically Isolated from Each Other, Electrically Floating Outputs up to 500V DC w.r.t. Ground, Precise Regulation, Low Ripple and Noise for Both Constant Voltage & Current Operation

OUTPUT	±15V / 0.5A	5V / 5A
Input Voltage	230V AC, ±10%, 50Hz, 1 Phase	
Output Voltage	12V to 15V	4.50 to 5.50V
Output Current	0.5A	5A
Line Regulation CV *	±0.1%	±0.1%
Load Regulation CV	±0.1%	±0.1%
Line Regulation CC	NA	NA

*		
Load Regulation CC	NA	NA
Output Ripple CV	1mV rms	1mV rms
Output Ripple CC	NA	NA
Operating Temp.	0 to 50°C	0 to 50°C
Protection	OL/SC (fold back type)	OL/SC (fold back type)
O/P OVP	NA	Crowbar Type
Indication (LED)	--	--
3 Digit Display	Common 3 digit voltmeter with sel. switch	
Display Accuracy	±3 counts	±3 counts

(Item No. 13)Optoelectronic Device Characteristics Setup

Technical Specification -

General Specifications: Transmitter : Two Siemens fiber optics LED . Transmitter 01 : Peak Wavelength of emission 660 nm red visible (SFH756V). Transmitter 02: Peak Wavelength of emission 950 nm (SFH450V). Receiver : Tow Fiber Optic photo detector. Receiver 01 : PIN Photo Diode with responsivity of 0.3μA (SFH250V), Receiver 02 : Photo Detector with TTL Logic Output (SFH55IV), **On-Board Signals:**Sine Wave (Frequency – 1Hz ~100 KHz , Amplitude : 0~4Vpp), TTL-SquareWave (Frequency . 1 HZ ~100 KHz). Carrier Generator (Sine Wave – 1 Hz to 100 KHz,0-2V p-p), 1.4 Bit PRBS Generator. Noise Generator with Variable Gain. Bit Error and Bit Counter. 4 Digit. 7 Segment Display. **Modulation Techniques:**Direct Intensity Modulation – Frequency Modulation, Amplitude Modulation, Pulse width modulation (PWM) (With Variable clock 4 KHz, 8 KHz, 16 KHz and 30 KHz), Pulse Position Modulation (PPM) (With Variable clock 4 KHz, 8KHz, 16 KHz, 32 KHz), **Driver Circuit:** Analog and Digital configuration for 660 nm and 950 nm LED, **Analog/ Digital Bandwidth:**1 MHz/5MHz, **Filter Circuit**: 2 Nos. (4th Order Butter Worth Filters with 3.4 kHz cut-off frequency)**Voice Communication:** Fiber Optic voice link using dynamic mike and speaker, **PC to PC Communication:**PC to PC communication using 660 nm and 950 nm LED through USB, **Port:**RS-232 Port Type, USB Port. **Baud Rate:** Maximum 115.2 Kbps baud. **Fiber Optic Cable Type:** Plastic optical cable, Step index. multimode. Core Refractive:Index-n 1: 1.492. Numerical Aperture: 0.5. Acceptance angle : 60°.Fiber Diameter : 1000 microns , Outer diameter : 2.2 mm . Fiber lengths : 1 and 3 Meters.**Test Points:**41 Test points are provided on board to observe intermediate signals. **Power Supply:**GND. +5V. -5V. +12V. -12V

(Item No. 14) Digital Signal Oscilloscope (DSO)

Technical Specification -

100MHz 2 Channel Digital Storage Oscilloscopes 1GSa/s Real Sample Time –

General Features

- 100MHz Bandwidths
- 1GSa/s Real-Time Sample Rate
- Trigger Mode: Edge, Pulse Width, Video, Slope, Overtime, Alternative Trigger, etc.
- Provides Software for PC Real-time Analysis
- Five Math Functions. +. -. *. /. and FFT functions

- 32 Automatic Measurements and Track Measurement via Cursor Automatically
- Large (7") Color Display, WVGA (800 x 480)
- Support U Disk and Local Files Storage
- Pass / Fail Function Enables to Output Testing Results

(Item No. 15) Klystron X-Band Based Microwave Test Bench

Technical Specification -

(i) Klystron Oscillator along with Klystron power supply and Klystron Mount – X-band.
(ii) Microwave attenuator– X-band
(iii) Microwave Direct reading Frequency meter– X-band
(iv) Microwave Slotted section along with probe and tuner– X-band
(v) Microwave Digital VSWR meter– X-band
(vi) Microwave Variable load Termination– X-band
(vii) Microwave waveguide detector– X-band
(viii) Microwave directional coupler– X-band
(ix) a pair of High gain horn antennas - X-band
(x) one waveguide section of 4 inches long - X band
(xi) Microwave Dielectric cell for Liquids – X-band
(xii) Microwave E-H plane Magic Tee– X-band

Note: 1.Required one-year full replacement guarantee for every component
2. Please quote price for each component Separately.

Detailed Specifications of item No. 15

15.1	**Digital Klystron Power Supply**		
	Klystron Supply with AM and FM	Parameter	Details
		Output Voltage Range	195-400V Continuously Variable
		Output Current	<46 mA
		Output Regulation	Better Than 0.5% for ± 10% variation in Mains supply voltage
		Output Ripple	Less than 5 mV RMS (on load)
		Input Voltage	230V +10%, 50 Hz A.C.
	Repeller Supply	Voltage Regulation	-10V to -300 VDC Continuously variable
	Heater Supply	6.3V Regulated	
	Modulation: Square Wave	Frequency Range	500 Hz -1.7 kHz
		Amplitude & Frequency continuously variable	
15.2	**Klystron mount with Klystron tube**		
	Frequency Range	8.2 to 12.4 GHz	
	Klystron Oscillator	Reflex	
	Power Output	< 0.4W	
	Type	Wage Guide	
15.3	**ISOLATOR**		
	Frequency Range	8.2 to 12.4 GHz	
	VSWR	< 1.2	
	Insertion loss	< 3.5 dB	
	Isolation	> 20 dB	
	Type	WaveGuide	

15.4	**Digital Frequency Meter (Direct Reading)**	
	Frequency Range	8.2 to 12.4 GHz
	Calibration	+ 2 %
	Calibration	10 MHz
	VSWR	< 1.05
15.5	**Variable**	
	Frequency Range	8.2 to 12.4 GHz
	VSWR	< 1.15
	Max. Attenuation	20 dB
	Type	Continuous
15.6	**Slotted Section with probe carriage**	
	Frequency Range	8.2 to 12.4 GHz
	Residual VSWR	1.05
	Slope	+0.2 dB
	Type	Waveguide
157	**Tunable Probe for Slotted Section**	
	Frequency Range	8.2 to 12.4 GHz
	Detector	IN 23 or equivalent
	Output Connector	BNC (Female)
	Type	Tunable
15.8	**Detector Mount, Tunable**	
	Frequency Range	8.2 to 12.4 GHz
	Detector	IN 23 or Equivalent
	Output Connector	BNC (Female)
15.9	**Matched Termination**	
	Frequency Range	8.2 to 12.4 GHz
	VSWR	< 1.05
	Avg. Power	2 Watt
	Type	Waveguide; Fixed
	Flange	UG-39/U
15.10.	**High gain horn antenna with connector - X-band**	
	Frequency	8.0 GHz – 12.0 GHz
	Gain	15 dBil
	VSWR	< 2
	Connector	N Female with cable
15.11	**Microwave directional coupler- X-band**	
	Frequency	8.0 GHz – 12.0 GHz
	Insertion loss	< .6 dB
	VSWR	< 1.5
15.12	**Digital VSWR Meter Solid State**	
	Sensitivity	0.2uV at 200 ohms for full scale deflection
	Noise	At least at 5 dB below full scale at rated
	Calibration	Square law. meter indicates SWR.
	dB Range	70 dB. input attenuator provides 60 dB in 10 dB
	Accuracy	+0.2 dB per 10 Db atepe
	Scale Selector	Normal Expand and 0.5 dB
	Meter Scale	SWR 1-4. SWR 3-10. Expanded SWR 1-1.3.
	Gain Control	Adjusts the reference level, variable 0-10 dB
	Recorder Output	Socket Provided for recording having 1V for full-
	Input Connector	BNC (F)
	Frequency	1000 Hz ±10%
	Power	230 Volta AC= 10%. 50 Hz

Components Name	Qty.	Components Name	Qty
Waveguide stand	06	Fixed short	01
BNC Cable	04	Earphone	01
Microphone	01	Component calibration chart	01
Operating Manual	01	Tool kit set &Dust cover	01
Cooling fan	01		

(Item No. 16) Gel Filtration Unit/ FPLC/ Chromatography System

Technical Specification -

Gel Filtration Unit/ FPLC/ Chromatography System	• The instrument should be modular in nature or as an integrated system consisting of pump, monitors (see point 4) and fraction collector capable of performing chromatography techniques like ion exchange, hydrophobic, gel filtration, affinity, desalting/buffer exchange. • Instrument must have a pump that can cater to flow rates, with minimum rate no greater than 0.1 mL/min and maximum rate no less than 25 mL/min. • Pump must have a minimum pressure rating of 8 bars. • Instrument must have UV (260/280nm, path length minimum 2 mm) and conductivity (1mS/cm to 999.9 mS/cm) detectors. • Instrument must have a motorized ports (5 or more) for sample injection and should have the capability to inject samples automatically during a chromatography run. • Instrument must have a motorized ports (5 or more) inlet buffer valve that can feed from two or more buffer solutions, which can also be used towards direct loading of large sample volumes. • Instrument must have a fraction collector that is either integrated or modular with flow diversion values. The fraction collector should have rack(s) that are capable of housing 18 mm tubes (> 80 tubes in number) and should have the option of 12 mm (>150 in number) / 30 mm (>35 in number) tubes. • Instrument should have the capacity to add optional probes to measure pH measurement (2-12 units). • Instrument should have option for 214 nm UV detection with Zn lamp and for adding additional filters – 313, 365,405, 436, 546 nm in the same detector. • The flow-cell should have minimum ingress protection value of IP 44. • Instrument must be provided with a computer software that can help view, monitor elution profiles real-time during chromatographic run. • Suitable compatible windows desktop personal computer should be provided with the minimum configuration of 6th Gen Core i7 processor, 8-16 GB RAM, 1-2 TB HDD, Win8-10 operating system, monitor screen size 18-22" with HDMI capability, ethernet capability, minimum 3 USB ports, DVD ROM drive

	• The instrument and the computer should be operable at 220-240 V and at 50 Hz. • The instrument should also be operable under cold conditions (4 - 8 oC). • Prepacked, gel filtration column containing matrix of Spherical allyl dextran and N'N'-methylenebisacrylamide with dextran or equivalent having proteins fractionation range of 4 × 104 – 2 × 107 for preparative separation of biomolecules, with average particle size of material ~40-50 µm. Minimum bed dimensions 1.5 cm diameter and 60 cm length with a total minimum volume of >105 mL. Flow rate range 0.5 - 1.5 mL/min, maximum pressure 1.5 bars, accommodates sample volume of 5 mL. Column material polypropylene. Required quantity 1 unit. • Prepacked nickel affinity column containing highly cross-linked spherical agarose maxtrix, average particle size ~30-40 µm, with average metal ion binding capacity of ~15 µmol Ni2+ ions per mL of medium. Posseses dynamic binding capacity minimum of 40 mg (histidine)6-tagged protein per mL of the medium, with column volumes of 5 ml per column, with dimensions 16 mm diameter and 25 mm in length, flow rate range 2-20 mL/min that withstands maximum back pressure of 3 bars. Stable in all commonly used buffers, reducing agents, denaturants and detergents. Chemical stability 0.01 M HCl, 0.1 M NaOH. Required quantity 5 x 5 mL. • Ample supply of essential plumbing kits and joints shall be provided so that existing columns from other manufacturers may be used with the system without any difficulty. • The system shall be provided with a number of loops for sample injection ranging from 0.1 ml to 5 ml. • Standard Warranty of instrument should be minimum of 12 Months • All material provided should be new and not refurbished

(Item No. 17) Incubator Shaker

Technical Specification -

Incubator Shaker	**Incubated Shakers** **Tabletop type** **Provides convenient internal observation environment** **Structural Functional Features** • Model optimized for use on experiment bench. • Up to 80°C, 500rpm enables setting of various experimental conditions. • Three operating modes: Temperature & Shaking, Temperature, or Shaking. • Door structure allows for easy sample removal/attach at the front. • Shaking structure with minimized vibration. • Four models according to refrigeration system and the size of the platform. **Use Convenience Features** • Accurate rpm and temperature control through temperature auto-tuning / microprocessor PID and calibration. • Monitor via mobile app anytime, anywhere with LC Connected. (mobile monitoring system) (when purchased LC Green Box) • Countdown timer (999 hours 59 minutes) of shaking operation. • Intuitive operation with colour touch display. • High brightness / low-power LED illumination makes it easy to observe inside.

• Spill drain port for internal cleanliness and easy maintenance.

Outstanding Safety
• Over temperature limit function.
• Soft start and stop shaking function.
• Malfunction prevented by controller lock function.
• Displays all information such as device operation and error occurrence.
• Over current protection device that restricts operation when objects are caught inside the system and shaking is not possible.

Smart Self-diagnosis
• Real-time self-diagnostics to check equipment for abnormal conditions.
• Alarm is generated by monitoring difference between actual rpm/temperature and set rpm/temperature.
• Automatic rpm adjustment when device instability occurs. (high rpm, overload, weight imbalance, etc.)
• Detects abnormal conditions relating to the platform on which the sample is placed and stops the operation.
• Automatic restart as it was operated after power recovery.

Specifications		
Temperature	**Range (□ /°F)**	Amb. +5 To 80 / Amb. +9 To 176
	Fluctuation at 37 □ in flask(± □ / □)	0.1 / 0.18
	Variation at 37 □ in flask (± □ / □)	0.5 / 0.90
Shaking system	**Motion type**	Orbital
	The Range Speed (rpm)	20 to 500
	Max. speed per permissible load (rpm)	500 (max. 10 kg / 22.0 lbs) 400 (max. 15 kg / 33.1 lbs)
	Size Amplitude (mm / inch, DIA.)	19.1 / 0.75
	Speed stability2) (rpm, %)	1
	Timer	999 hr 59 min.
Dimension	**Chamber Volume (L / cu ft)**	53 / 1.9
	Platform (W × D, mm / inch)	350×350 / 13.8×13.8
	Interior (W × D × H, mm / inch)	410×410×320 / 16.1×16.1×12.6
	Exterior See (W × D × H, mm / inch)	440x785x510 / 17.3x30.9x20.1
	Net weight (Kg / lbs)	65 / 143.3
Electrical requirements (230V)		50Hz, 4A

The temperature control range should be from 15°C below the ambient temperature (18°C to 35°C) of the device to 80°C. (However, the lowest control temperature is 15°C)
2) Actual rpm allowable error for set rpm is ±1rpm if setting is less than 100 rpm, ±1% if setting is higher than 100rpm.

	ACCESSORIES **Universal platforms / Flask clamps** Universal platforms provide flexibility for mixing assortments of test tubes and glassware of varying sizes on a single platform. Various clamps for Erlenmeyer flasks and separatory funnels are available. **OPTIONAL ACCESSORIES** **Test tube racks** Easy to release and mount racks made of durable stainless steel with adjustable angle and tube height support. Test tube racks are used with an optional universal platform.

(Item No. 18) pH Meter Table Top

Technical Specification -

pH Meter Table Top	pH/mV Bench meter with Electrode stand, glass-body refillable pH electrode, (pH 4.01, 7.00, 10.01, 3.33M KCl - 250ml each) **Features** : • Automatic pH calibration up to 5 points using USA or NIST buffers • Switchable pH resolutions - 0.1, 0.01 pH • Offset and slope display • Automatic / Manual temperature compensation and temperature calibration function • Auto-Hold / Auto-Stable measurement • Built-in memory can store up to 500 data • Custom black and white static LCD • RS232 output for connecting to a GLP/GMP compatible printer or computer • Security (password setting) • 2 years meter warranty • Instruction manual **SPECIFICATIONS**

pH Range	-2.00 to 19.99 pH
Resolution	0.1, 0.01 pH
Accuracy	± 0.01 pH
Calibration Points	Up to 5
Buffer Options	USA, NIST
ORP Range	± 1999.9 mV
Resolution	0.1 mV
Accuracy	± 0.2 mV
Temperature Range	-30.0 to 130.0°C
Resolution	0.1°C
Accuracy	± 0.4°C
Calibration Option	Yes

Memory Data	500
Auto-Hold / Auto-Stable	Yes
Offset / Slope Display	Yes (Independent acid and alkaline slopes
Electrode Status	On screen display
Diagnostic Messages	Yes
Display	Custom black and white static LCD
Inputs	BNC, phono, DC sockets
Output	RS232
Power Requirement	AC adaptor, 100-240V, 50/60Hz
Weight	500g
Dimensions	170(L) x 174(D) x 73(H) mm

(Item No. 19) Weighing Balance 4 Digit

Technical Specification -

Weighing Balance 4 Digit	ANALYTICAL BALANCE - AUTO-CAL Features • Complete automatic time & temperature calibration with GMP- GLP record printout. • Brilliant backlit LCD display with simple navigation windows and menus to guide you through balance functions. • User selectable filter, stability indicator and auto-zero tracking for use in difficult environment. • Procell software allows for direct transfer of weighing results to excel spreadsheet. • Weigh below hook for below balance weighing application with in-built density measurement software. • With a die-cast metal base and stainless steel pan, and balance is built to withstand rugged every day Weighing. • Applicaton : Parts Counting, Animal Weighing, Check-Weighing, Display Hold, Percent Weighing, Totalizing, SQC Quality Control. • RS232C and USB connector to connect with PC • Optional LAN / wi-fi

CAPACITY (gm)	RESOLUTION (gm)	PAN (mm)	REPEATABILITY (gm)	LINEARITY (gm)	RESPONSE TIME (Sec.)
220	0.0001	x 90	± 0.0001	± 0.0002	< 3

(Item No. 20) Autoclave 45 to 70 Letter capacity

Technical Specification -

Autoclave 45 to 70 Letter capacity	Vertical Autoclave • Double body construction, single chamber for steam and water, covered externally by outer shell. • Lid made of thick stainless steel, pressure up to 22 PSI factory set at 15 PSI.

	• Complete unit with automatic air purging, Digital Temperature control & Indication with 0.1^{0}C Accuracy/ Resolution, with electronic Digital timer range 0 to 99 min. • Autoclaving time cycle automatically starts when set pressure is achieved. • Automatic steam release once autoclaving cycle complete. • Complete with pressure gauge, safety valve, steam release valve, extra safety valve. • Incorporated with an Automatic Pressure Control Switch as an additional safety device. • Low Water level cut-off : Low water level cut-off assembly connected to heater whichautomatically cuts off power to heater if water level is not sufficient thus eliminating heater burn outs. • Foot lifting arrangement included for Capacity 125 Ltr. and above. Not included/required for lower sizes. • Provided with S.S. L-304 grade perforated basket. • Unit works on 230 V Ac, 50 Hz.

CHAPTER 4

CRITERIA FOR TECHNICAL EVALUATION AND QUALIFICATION

Evaluation and Qualification

4.1 This Invitation for Bids is open to all Manufacturers/Authorized Dealers in response to this NIT.

4.2 A copy of ISO – 9001 or higher certificate must be submitted along with the Technical Bid.

4.3 Bids will be accepted only from the Manufacturers/Authorized Dealers of the item required.

4.4 The bidding firm should have executed at least 3 (Three) similar projects in R&D Institutions/Universities (List should be enclosed).

4.5 Detail of Bidder/Firm/Company

4.6 Address and Contact Details

4.7 DD/Banker's Cheque for Tender Fee

4.8 DD/Banker's Cheque for EMD

4.9 Registration Certificate of SSI Unit, if any

4.10 Self Declaration for unblemished record

4.11 Copy of GST Registration Certificate

4.12 GST Clearance Certificate

4.13 Central Excise Registration Certificate

4.14 Copy of PAN Card

4.15 Copies of certificates of incorporation of the Firm/Registration of Partnership, Company, Proprietary Certificate etc.

4.16 Copies of Annual Turnover

4.17 Audited Balance Sheets duly signed by CA for preceding last three years

4.18 Proof of manufacturing unit/general order suppliers and copies of two major supply orders valuing more than **Rs. 5.00 Lakh** executed during the preceding two years for Govt. depts./PSUs/Universities/R&D Institutes/Central Autonomous bodies.

4.19 Dealership Certificate authorisation letter, if any

4.20 Supporting document of infrastructure, if any

4.21 Certificate issued under Rajasthan Shops and Establishment Act/Rules

4.22 The tender is for supply of **Procurement of Equipment under UGC XII Plan**

4.23 Submit Service Tax Certificate.

CHAPTER-5

INSTRUCTIONS TO BIDDERS

5.1 GENERAL INSTRUCTIONS

5.1.1 Abbreviations & Definitions:

The following definitions shall govern for the respective terms as hereinafter mentioned in this document:

5.1.1.1 **"Bidder"** means any Individual, Sole Proprietor, Partnership Firm, Pvt. Ltd. Company or Ltd Company who is participating in the Tender.

5.1.1.2 **"Tendering Authority"** means The Registrar, University of Rajasthan, Jaipur or any Officer or competent authority of University of Rajasthan, Jaipur who has been authorized to issue a work order under this contract

5.1.1.3 **"Firm/Company"** shall mean the successful bidder to whom the contract has been awarded and with whom the Tendering Authority signs the contract for rendering of goods and services.

5.1.1.4 **"Contract period"** means the agreement entered into between the Tendering Authority and the Firm/Company , as recorded in the document signed by the parties, including all the attachments and appendices there to, and all documents incorporated by reference therein;

5.1.1.5 **"The Goods"** means all the material/ services, which the Firm/Company is required to supply to the Tendering Authority under the Contract;

5.1.1.6 **"Services"** means services ancillary to the Scope of Work hereinabove, transportation, any other incidental services and other obligations of the Firm/Company covered under the Contract;

5.1.1.7 **"The Contract Price"** means the price payable/receivable to the Successful Bidder under the Contract for the full and proper performance of its contractual obligations;

5.1.1.8 **"working/Business Day"** means a working day.

5.1.1.9 **"University"** means University of Rajasthan, Jaipur.

5.1.1.10 **"EMD" means** Earnest Money Deposit.

5.1.1.11 **"SD"** means Security Deposit.

5.1.2 The Bidder is expected to have read and examined all the instructions, forms, terms & conditions and specifications in the Tender Document with full understanding of its implications. Failure to furnish all information required in the Tender document or submission of bid not substantially responsive to the Tender Document in every respect will be at the Bidder's risk and may result in outright rejection of the bid.

5.1.3 Terms & conditions contained in GF&AR Part-II and Rajasthan Transparency in public procurement act, 2012 and the Rajasthan Transparency in public procurement rules, 2013 shall also apply.

5.2 PERIOD OF CONTRACT

The contract shall be initially valid for a period of **one year** on case-to-case basis from the date of issuance of Letter of Award. However, the contract may be renewed further as per procurement rules on the basis of performance of work provided that both parties agreed on mutual terms and conditions as specified in the contract.

5.3 ELIGIBILITY CRITERIA

5.3.1 Only those bidders who fulfill the eligibility criteria mentioned in **Chapter-4** are eligible to RESPOND. Offers received from the bidders who do not fulfill all or any of the following eligibility criteria are liable to be rejected.

5.3.2 The bidder must comply with all the above mentioned criteria. Non-compliance of any of the criteria will entail rejection of the offer summarily.

5.3.3 Photocopies of relevant documents/certificates should be submitted as proof in support of the claims made.

5.3.4 The tendering authority reserves the right to verify/evaluate the claims made by the Firm/Company independently.

5.4 COST OF TENDER DOCUMENT

The Bidder shall deposit Rs. 1000/- (Rupees One Thousand Only) being the cost of the tender document. It can be done by way of a Demand Draft/ Banker's Cheque favoring The Registrar, University of Rajasthan, Jaipur, payable at Jaipur. Tender document can be downloaded from the site http://www.uniraj.ac.in/ http://sppp.raj.nic.in

It is an absolute must that the cost of tender document is paid as directed; otherwise the offer shall stand summarily rejected and no correspondence in this matter shall be entertained.

5.5 COST OF BIDDING

The Bidder shall bear all costs associated with the preparation and electronically submission of its tender and the Tendering Authority shall in no case be responsible or liable for these costs, regardless of the conduct or outcome of the tendering process.

5.6 BIDDING DOCUMENT

5.6.1 The Bidder is expected to examine all instructions, forms, terms and specifications in the bidding document. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect shall be at the Bidder's risk and may result in rejection of the bid. The tender offer is liable to be rejected out rightly without any intimation to the Bidder if complete information as called for in the tender document is not given therein, or if particulars asked for in the Forms/Performa in the tender are not fully furnished.

5.6.2 A Prospective Bidder requiring any clarification in the Tender document may notify the Tendering Authority in writing or by mail at the mailing address as indicated. The Tendering Authority will respond in writing or by mail to any request for clarification of the Tender Document received not later than 2 days prior to the last date for the receipt of bids prescribed Written copies of the response (including an explanation of the query but without identifying the source of enquiry) may be sent to all prospective bidders who have received the Tender.

5.7 AMENDMENT OF BIDDING DOCUMENT

5.7.1 At any time prior to the deadline for submission of bids, the Tendering Authority may, for any reason, whether on its own initiative or in response to the clarification requested by a prospective bidder, modify, change, incorporate or delete criteria/conditions in the bidding document.

5.7.2 All prospective bidders who have received the bidding documents shall be notified of the amendment in writing and the same shall be binding on them.

5.7.3 In order to allow prospective bidders reasonable time to take into consideration the amendments while preparing their bids the Tendering Authority, at its discretion, may extend the deadline for the submission of bids.

5.8 NON TRANSFERABLE BID

The tender document is not transferable.

5.9 REJECTION OF BIDS

The University of Rajasthan, Jaipur reserves the right to accept / reject / release or relax any or all or part of the bids received on the due date without assigning any reason, whatsoever.

5.10 LANGUAGE OF BIDS

The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Tendering Authority shall be in Hindi or English. Wherever the correspondence is not in Hindi, English, requisite translation should be attached, and the English version shall prevail in case of dispute.

5.11 BID FORM

The Bidder shall complete the Bid Form as mentioned herein Format-1 to 7 wherever applicable.

5.12 BID CURRENCY

Prices shall be quoted in Indian Rupees only. The bidders are advised not to indicate any separate discount. Discount, if any, should be merged with the quoted prices.

EARNEST MONEY DEPOSIT (EMD)

5.12.1.1 Bidders are required to submit the bank DD/Banker's Cheque only (without interest) of appropriate amount EMD valid for three months from the date of issue, as Earnest Money Deposit. This Demand Draft must be drawn in the name of **Registrar, University of Rajasthan, Jaipur** payable at Jaipur. Offers made without Earnest Money Deposit shall be

rejected. For SSI Units registered in Rajasthan partial exemption will be accorded as per The Rajasthan Transparency in Public Procurement Rules 2013.

5.12.2 The earnest money/ security deposit lying with Department/office in respect of other tenders awaiting approval or rejected or on account of contracts being completed will not be adjusted towards earnest money/ security money for the fresh tenders. The earnest money may however, be taken into consideration in case tenders are re-invited.

5.12.3 Unsuccessful Bidder's Earnest Money Deposit shall be discharged/ returned within 30 days after the expiration of the period of Tender Offer validity prescribed in this tender.

5.12.4 The successful Bidder's Earnest Money Deposit shall be discharged upon the Bidder executing the Contract Form and furnishing the Performance Security / Security Deposit.

5.12.5 The Earnest Money Deposit shall be forfeited and Bid shall be rejected:

- **a)** If a Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid form or
- **b)** In case of a successful Bidder, if the Bidder fails:
  - i. To sign the contract form in accordance with the terms and conditions.
  - ii. To furnish performance security/security deposit as specified in this tender.
  - iii. To execute the agreement if any, within time.
  - iv. To execute the supply/work order, within time prescribed.

5.13 SUBMISSION OF BID

5.13.1 The Bid shall comprise of only one packet containing **Covering Letter, cost of tender document, EMD and processing fees.**

5.13.2 TECHNICAL BID

A. Online technical BID shall contain the scanned self attested copies of following documents. Original copies shall be kept ready at the time of opening of the tender.

The list of documents to be submitted for Technical Offer is as follows

1. Details of Bidder/ Firm/ Company
2. Demand Draft/Banker's Cheque for EMD, Tender Fee
3. Tender offer form duly filled in.
4. Self attested registration certificate of SSI along along with required Declaration, if applicable for Bidders claiming Partial Exemption (submitted to the office of Registrar, University of Rajasthan, Jaipur).
5. **Tender Form and Undertaking**
6. Self Declaration for unblemished record (Notarized Affidavit)
7. **Registration Certificates**
   - i. GST Registration Certificate from concerned Government Department and Sales GST Clearance Certificate payment Challan from concerned Government Department as on 1st April, 2016.
   - ii. Central Excise Registration Certificate
   - iii. Copy of the PAN Card.
   - iv. Copies of Certificate of incorporation of the firm (e.g. Registration as Partnership Firm, Proprietary concern, Company etc.)
   - v. Copy of Service Tax Registration Certificate.
8. **Financial & Infrastructure**
   - a) Copies of its audited financial statements for past three years
   - b) Supporting documents of Technical Infrastructure.

B. The Technical Bid shall be complete in all respects and contain all information asked for, except prices. It shall not contain any price information. The Technical Bid shall indicate whether all services asked are quoted for and that all requirements therefore are also quoted for. No documents, brochures, etc. shall be submitted in loose form.

C. All documents submitted along with Tender should be certified by the Gazetted Officer.

D. Language of Proofs: In case any of the Documents submitted is in a language other than Hindi or English, a certified copy of translation of the same in Hindi or English should be enclosed and the translation should also be certified by the professional who has otherwise certified the said proofs.

5.13.3 COMMERCIAL BID

5.13.3.1 The Commercial bid shall be on fixed price basis, inclusive of all taxes. There should be no hidden charges. Price quotation accompanied by vague and conditional expressions such as "Subject to immediate acceptance", "Subject to confirmation", etc. shall be treated as being at variance & shall be liable for rejection.

5.13.3.2 Rajasthan State Entry Tax @ as applicable will be deducted from the Bills of Bidders located outside Rajasthan and deposited in accordance with the Rajasthan Entry Tax Act.

5.13.3.3 Commercial Bid shall be submitted in DECLARATION OF PRICE SCHEDULE **(Format-7)** only.

5.13.4 All above mentioned documents should be under the name & address of premises where quoted items are actually manufactured.

5.13.5 Tender will be liable for outright rejection if-

- **Any rates are disclosed in Technical Bid.**
- **Any discount / special offers are made in Technical Bid.**

5.13.6 Tender form shall be typed or filled in ink. Tender filled in with carbon pencil shall not be considered.

5.13.7 The Bidder shall sign the tender form on each page and at the end of tender document in token of acceptance of all the term and conditions of the tender.

5.14 SIGNING OF BIDS

Any interlineations, erasures or overwriting shall be valid only if the person or persons signing the bid, attesting them.

5.15 COMPLETENESS OF BIDS

The bid shall be summarily rejected if all or any of the above mentioned documents are not submitted with technical bid.

5.16 ERASURES OR ALTERATIONS

Offers containing erasures or alterations shall not be considered. There should be no Handwritten Material, corrections or alterations in the offer. Technical details must be completely filled in. Filling up of the Technical Detail Form using terns such as "OK", "Accepted", "Noted"," As given in brochure/Manual" is not acceptable. The purchaser may treat offers not adhering to these guidelines as unacceptable.

5.17 DEADLINE FOR SUBMISSION OF BIDS

5.17.1 For Submission of tender, bidder must complete the bid submission stage as per schedule of the tender. The bidders should ensure that their tender is correctly prepared and then submitted before the expiry of the scheduled date and time. In the event of the specified date for the submission of Bids being declared as a holiday to the Tendering Authority, the bids shall be received up to the appointed time on the next working day.

5.17.2 The Tendering Authority may, at its discretion, extend this deadline for submission of bids, in which case all rights and obligations of the Tendering Authority and Bidders subject to the deadline shall thereafter be subject to the deadline as extended.

5.18 LATE BIDS

No delay on account of any cause will be entertained.

5.19 WITHDRAWAL OF BIDS

5.19.1 The Bidder may withdraw the Bid after the submission, provided that written notice of the withdrawal is received by the Tendering Authority prior to the deadline prescribed for submission of bids.

5.19.2 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of the bid validity specified by the Bidder on the Bid Form. Withdrawal of a bid during this interval shall result in the Bidder's forfeiture of its bid security and the offer shall stands automatically rejected.

5.20 PERIOD OF VALIDITY OF OFFER

5.20.1 Bids shall be valid for acceptance for a period of 90 days from the date of opening of

Technical Bid.

5.20.2 In exceptional circumstances, the Tendering Authority may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing and shall be binding.

5.21 EVALUATION COMMITTEE

The Technical and Commercial Committee constituted by the Vice-Chancellor, University of Rajasthan, Jaipur, shall evaluate the Tenders. The decision of the Vice-Chancellor, University of Rajasthan in the evaluation of the Technical and Commercial bids shall be final.

5.22 OPENING OF BIDS

5.22.1 Immediately after the closing time and/or at any time and date specified thereafter, the Bid Opening Committee shall open the bids as per the schedule.

5.22.2 The technical bids shall be opened and listed for further evaluation. The Bidder's names, bid modifications or withdrawals, the presence or the absence of requisite Earnest Money Deposit and such other details as the Tendering Authority, at his discretion, may consider appropriate, shall be announced at the time of opening.

5.22.3 The commercial bids shall not be opened till the completion of evaluation of technical bids.

5.22.4 Bids shall be opened either in the presence of bidders or it's duly authorized representatives, whoever wish to be present.

5.22.5 The bidder representatives who are present shall sign a register evidencing their attendance. Only one representative per applicant shall be permitted to be present at the time of opening the tender.

5.22.6 The Tendering Authority may at its discretion discuss with the Bidder(s) to clarify contents of their commercial offer.

5.22.7 The Tendering Authority shall negotiate with the lowest bidder so as to meet its expectation of a cost effective sustainable and economically promising solution. If the negotiation with lowest Bidder fails, the same shall be rejected and negotiation then shall be done with second lowest Bidder.

5.22.8 Negotiations :-

a) Except in case of procurement by method of single source procurement or procurement by competitive negotiations, to the extent possible, no negotiations shall be conducted after the pre-bid stage. All clarifications needed to be sought shall be sought in the pre-bid stage itself.

b) Negotiations may, however, be undertaken only with the lowest or most advantageous bidder when the rates are considered to be much higher than the prevailing market rates.

c) Tendering Authority shall have full powers to undertake negotiations. Detailed reasons and results of negotiations shall be recorded in the proceedings.

d) The lowest or most advantageous bidder shall be informed in writing either through messenger or by registered letter and e-mail (if available). A minimum time of seven days shall be given for calling negotiations. In case of urgency the Tendering Authority after recording reasons, may reduce the time, provided the lowest or most advantageous bidder has received the intimation and consented to regarding holding of negotiations.

e) Negotiations shall not make the original offer made by the bidder inoperative. The Tendering Authority shall have option to consider the original offer in case the bidder decides to increase rates originally quoted or imposes any new terms or conditions.

f) In case of non-satisfactory achievement of rates from lowest or most advantageous bidder, the Tendering Authority may choose to make a written counter offer to the lowest or most advantageous bidder and if this is not accepted by him, the committee may decide to reject and re-invite Bids or to make the same counter-offer first to the second lowest or most advantageous bidder, then to the third lowest or most advantageous bidder and so on in the order of their initial standing and work/ supply order be awarded to the bidder who accepts the counter-offer. This procedure should be used in exceptional cases only.

g) In case the rates even after the negotiations are considered very high, fresh Bids shall be invited.

5.22.9 The Tendering Authority reserves the right to open Commercial Bid even if one Bidder qualifies the Technical Bid or only one Bid is received in response to the Tender Notice.

However in the case of one Bid the power to negotiate with the Bidder will be reserved with the Tendering Authority as per Rajasthan Transparency in public procurement Rules 2013.

5.23 CLARIFICATION OF BIDS

During evaluation of bids, the Bid Opening Committee may, at its discretion, ask the Bidder for a clarification of its bid. The request for a clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted.

5.24 SCRUTINY OF THE BID

5.24.1 Preliminary scrutiny shall be made to determine whether bids are complete, whether any computational errors have been made, whether required EMD has been furnished, whether the documents have been properly signed.

5.24.2 Prior to the detailed evaluation, the Bid Opening Committee shall determine the substantial responsiveness of each bid. For purposes of these clauses, a substantially responsive bid is one, which conforms to all the terms and conditions of the bidding documents without material deviations.

5.24.3 If a bid is not substantially responsive, it shall be rejected by the Tendering Authority and shall not subsequently be made responsive by the bidder by correction of the nonconformity. Technical bid shall be evaluated in the following sub -steps:-

Firstly, the documentation furnished by the Bidder shall be examined prima facie to see if the technical skill base and financial capacity and other Firm/Company attributes claimed therein are consistent with the needs of this project.

In the second step, the Tendering Authority may ask the bidders for additional information, visit the Bidders site and/or arrange discussions with their professional, technical faculties to verify claims made in technical bid document. If it is found that the documents submitted by the bidder are not compatible with the actual situation at site, or if the document supplied by the bidder are found to be fraudulent or misrepresenting the facts, it shall render the bidder ineligible for further participation in the tender process. The decision of the Tendering Authority in this regard shall be final and binding on the bidder and cannot be challenged.

In the third step, the Tendering Authority may ask the prospective bidders for the presentation regarding Technical Capability of the Bidders and understanding regarding the Project.

5.25 SELECTION PROCEDURE

5.25.1 The Technical evaluation shall be done by a Committee, constituted by the Vice-Chancellor, University of Rajasthan, Jaipur.

5.25.2 Bids shall be evaluated on both technical and commercial criteria. The information furnished by the Bidders in the Technical Bid and presentation of the Bidder shall be the basis for technical evaluation.

5.25.3 Each proposal will be evaluated according to the following criteria:

1. Company's/Firm's Profile
2. Company's/Firm's exposure and experience with Government Organizations/ Public Sector/ Public sector undertakings and Departments,

5.25.4 The decision of the evaluation committee in the evaluation of the technical bids shall be final. No correspondence will be entertained outside the process of negotiation/discussion with the tendering authority.

5.26 CONTACTING THE TENDERING AUTHORITY

5.26.1 No Bidder shall contact the Tendering Authority in any matter relating to its bid; from the time of the bid opening to the time the contract is awarded. If he wishes to bring additional information to the notice of the Tendering Authority, he should do so in writing. The Tendering Authority reserves the right as to whether such additional information should be considered or otherwise.

5.26.2 Any effort by a Bidder to influence the Tendering Authority in its decision on bid evaluation, bid comparison or contract award may result in disqualification of the Bidder's bid and also forfeiture of his EMD amount.

5.27 CORRUPT, FRAUDULENT PRACTICES AND MISREPRESENTATION

5.27.1 The Tendering Authority requires that the bidders/suppliers/Firm/Companies under this tender observe the highest standards of ethics during the procurement and execution of such contracts.

5.27.2 For the purposes of this provision, the terms defined for CORRUPT, FRAUDULENT PRACTICES AND MISREPRESENTATION will be as per Law.

5.27.3 The Tendering Authority shall reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.

5.27.4 The Tendering Authority shall declare a firm ineligible, either indefinitely or for a stated period of time, if it at any time determines that the firm has engaged in corrupt and fraudulent practices in competing for, or in executing, a contract.

5.28 NOTIFICATION OF AWARD

Upon the successful bidder's furnishing of Performance Security /Security Deposit, the Tendering Authority shall promptly notify each unsuccessful bidder and shall discharge their Bid security.

5.29 ACCEPTANCE OF BIDS

The Tendering Authority does not bind itself to accept the lowest or any other Tender. The Tendering Authority reserves the rights to accept any one Tender or reject all Tenders.

5.30 PERFORMANCE SECURITY AND SIGNING OF CONTRACT

5.30.1 Within Three (03) days of the receipt of notification of award from the Tendering Authority, the successful Firm/Company shall furnish the Performance Security/ Security Deposit in accordance with the Conditions of Contract, in the performance security/ Security Deposit form provided in this document or in another form acceptable to the Tendering Authority.

5.30.2 The Performance Security/ Security Deposit shall be denominated in Indian Rupees and shall be in the form of a Demand Draft/Banker's Cheque/FDR issued by a nationalized /scheduled bank located in India acceptable to the Tendering Authority in the form provided in the bidding documents.

5.30.3 The Performance Security/ Security Deposit shall be discharged by the Tendering Authority and returned to the Firm/Company after the expiry of the contract period/extension period/warranty/guarantee period.

5.30.4 Failure of the successful bidder to sign the contract (Format-5), proposed in this document (Conditions of Contract) and as may be modified, elaborated or amended through the award letter, shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Tendering Authority may make the award to another bidder or call for new bids.

5.31 BINDING CLAUSE

All decisions taken by the Tendering Authority regarding the processing of this tender and award of contract shall be final and binding on all parties concerned. The Tendering Authority, reserves the right:-

- To vary, modify, revise, amend or change any of the terms and conditions in this Bid;
- To reject any or all the tender/s without assigning any reason whatsoever thereof or to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) of the grounds for such decision.

5.32 CONDITIONAL TENDER

Hypothetical, ambiguous or Conditional tenders shall be summarily rejected.

5.33 INTERPRETATION OF THE CLAUSES

In case of any ambiguity in the interpretation of any of the clauses in Tender Document or the Contract Document, the Tendering Authority's interpretation of the clauses shall be final and binding on all parties.

5.34 SECURITY DEPOSIT / PERFORMANCE GUARANTEE

5.34.1 The successful Firm/Company shall furnish Security Deposit as a Performance Guarantee of 5% (Five Percent) of the total **value of purchase order** in the form of DD/BC/FDR in the name of Registrar, University of Rajasthan, Jaipur for the contract within Three days of the receipt of notification of award/ Letter of intent from the Tendering Authority. This bank guarantee should remain valid for a period of one year beyond the contract period. On extension of the contract the successful Firm/Company shall have to extend the validity of this SD for the period for which extension has been awarded. This extended SD should also remain valid for a period of one year beyond the period of which extension has been granted.

5.34.2 For SSI Bidders registered in Rajasthan Security Deposit will be 1%.

5.34.3 If the Firm/Company fails to complete the Contract, The Registrar, University of

Rajasthan, Jaipur shall have the right to cancel the order in full or part, forfeiting the Performance Security and the balance payments, if any.

5.35 DELIVERY

5.35.1 Delivery is at the various Dept./Centre/Colleges University of Rajasthan, JLN Marg, Jaipur within the stipulated time mentioned in the purchase order. In case of delivery is /are not made in time, the University reserves the right to cancel the order without any liability of any loss incurred in the transition/delivery.

5.35.2 Only in case where the situation or cause is not under the control of bidder like strike, riot, war, fire & earthquake etc. the University may consider taking the delivery of the purchase order at its option.

5.35.3 The University has right to defer delivery on any or every item mentioned in the purchase order by giving oral notice to the bidder (which may be Confirmed later on in writing).

5.35.4 The bidder should ensure the good quality packing of the items mentioned in the purchase order and safe delivery to the University.

5.35.5 The University will not bear the loss or damage under any circumstances due to damage/ breakage of articles in the transit. The cost of the damage/broken articles would be deducted from the bill.

5.35.6 The University has right to amend the order and no claim will be allowed to bidder arising on this account.

5.35.7 If the University deems fit to inspect/test the Items by its authorized person, the cost of the same will be borne by the bidder.

5.35.8 Any item of the purchase order if found defective or not found as per the specification as per the bidder's form, the University has right to cancel the order.

5.35.9 After the completion of the supply/purchase order, the bidder shall have to submit the bill in triplicate duly pre-receipted to the University along with the certificate that the supply is/are as per the bidder's form.

5.36 PAYMENT TERMS

The payment shall be made as per the Schedule mentioned in **Chapter- 7 Para 7.1.**

5.37 CONFIDENTIALITY

5.37.1 Any information and data pertaining to the University or any other agency involved in the Contract matter concerning University of Rajasthan, Jaipur or with the agency that comes to the knowledge of the Firm/Company in connection with this contract shall be deemed to be confidential and the Firm/Company shall be fully responsible for the same being kept confidential and held in trust, as also for all consequences of its concerned personnel failing to do so. The Firm/Company shall ensure due secrecy of information and data not intended for Public distribution.

5.37.2 The affidavit on the following format to that effect should be submitted along with Security Deposit on appropriate Non judicial Stamp Paper duly attested by Public Notary:- "Certified that any information and data pertaining to the University of Rajasthan , Jaipur or any other agency involved in the Contract or matter concerning University of Rajasthan, Jaipur or with the agency that comes to the knowledge of the Firm/Company in connection with this contract will be deemed to be confidential and I /we are fully responsible for the same being kept confidential and held in trust, as also for all consequences of I / our personnel failing to do so. Also it is certified that I / we will maintain due secrecy of information and data will not be intended for Public distribution."

5.37.3 Notwithstanding anything contained in this Tender document but subject to the provisions of any other law for the time being in force providing for disclosure of information, a procuring entity shall not disclose any information if such disclosure, in its opinion, is likely to: -

- impede enforcement of any law,
- affect the security or strategic interests of India;
- affect the intellectual property rights or legitimate commercial interests of bidders;
- affect the legitimate commercial interests of the procuring entity in situations that may include when the procurement relates to a project in which the procuring entity is to make a competitive bid, or the intellectual property rights of the procuring entity.

5.37.4 The procuring entity shall treat all communications with the selected bidder related to the

procurement process in such manner as to avoid their disclosure to any other person not authorized to have access to such information.

5.37.5 The procuring entity may impose on the selected bidder and Firm/Company, if there are any for fulfilling the terms of the procurement contract, conditions aimed at protecting information, the disclosure of which violates (a) above.

5.37.6 In addition to the restrictions specified above, the procuring entity, while procuring a subject matter of such nature which requires the procuring entity to maintain confidentiality, may impose condition for protecting confidentiality of such information.

5.38 SPECIAL CONDITIONS TO THIS CONTRACT

5.38.1 It shall be deemed that the bidder has got fully acquainted with the scope of the work, working and other prevalent conditions and fluctuations thereto whether they actually visited the site/area or not and have taken all the above factors into account while quoting his rates.

5.38.2 The quantity indicated in the tender is mere estimates and is intended to give an idea to the prospective bidders to enable them to decide whether they will undertake to supply the article to University on most competitive rates. The figures indicated in the tender do not constitute any commitment on the part of the University to purchase any of the articles in the quantity shown therein against each or in any quantity whatsoever. It is further made clear that the University does not bind itself to purchase all or any quantity mentioned in the tender and no objection against the quantity of the indent of approved item being more or less than the approximate quantity will be entertained and shall not be acceptable as a ground for non supply on the quantity indented.

5.38.3 The University of Rajasthan, Jaipur may extend the original contract of Firm/Company, subject to original Terms & conditions for a period deemed fit by him, but not exceeding one year, on mutual consent.

5.38.4 The contract for the supply can be repudiated at any time by University of Rajasthan, Jaipur, if the supplies/services are not made to his satisfaction after giving an opportunity to the bidder being heard and after reasons for repudiation being recorded by him in writing.

5.39 SUPPLY ORDERS

5.39.1 All the supply orders will be placed to the Firm/Company through Official Letter/ E-mail/ Messenger and the date of Office Order will be treated as the date of order for calculating the period of execution. The Firm/Company shall have to execute all orders within specified time in said order.

5.39.2 The data including the images collected by the firm shall be the property of the University of Rajasthan, jaipur.

5.39.3 The University has rights to amend the supply order and no claim will be allowed from bidder arising on this account.

5.39.4 Any item of the supply order, if found defective or not found as per the specifications mentioned in the bidder's form, the University has rights to cancel the order.

5.40 HANDING OVER OF WORKS

The Firm/Company shall be bound to hand over the works executed under the contract complete in all respect to the satisfaction of the Tendering Authority. The Tendering Authority shall determine the date on which the work is considered to have been completed. The Tendering Authority shall determine from time to time, the date on which any particular section of the work shall have been completed, and the Firm/Company shall be bound to observe any such determination of the Tendering Authority

5.41 COMMITTEE FOR SUPERVISION

The Tendering Authority will be at liberty to set up a Committee to supervise all services in all the areas mentioned above. The directions of such committees with regard to all the general services, even if other than those mentioned in this Tender, would be binding on the Firm/Company for compliance

5.42 SUB-CONTRACT

The Firm/Company shall not assign or subcontract the assignment or any part thereof to any other

Firm/Company except with the prior consent in writing of the Tendering Authority and provided the University shall have specifically approved such other Firm/Company The University may in its sole discretion and without assigning any reason refuse to give such consent.

5.43 COST & LANGUAGE OF BIDDING

5.43.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the procuring entity shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

5.43.2 The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the procuring entity, shall be written only in Hindi or English Language. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in English/ Hindi language, in which case, for purposes of interpretation of the Bid, such translation shall govern.

5.44 ALTERNATIVE/ MULTIPLE BIDS

Alternative/ Multiple Bids shall not be considered at all.

5.45 CORRECTION OF ARITHMETIC ERRORS IN FINANCIAL BID

The bid evaluation committee shall correct arithmetical errors in financial bid, on the following basis, namely:

- if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to clause (a) and (b) of Rule 64.

5.46 PROCURING ENTITY'S RIGHT TO ACCEPT OR REJECT THE BID

The Procuring entity reserves the right to accept or reject the bid, and to annul (cancel) the bidding process and reject the bid at any time prior to award of contract, without thereby incurring any liability to the selected bidder.

5.47 RIGHT TO VARY QUANTITY

During execution of the Contract, the quantity of services/ items/ goods originally specified in the bidding document may be increased or decreased, without any change in the unit prices or other terms and conditions of the bid and the bidding documents.

5.48 FORFEITURE OF PERFORMANCE SECURITY

5.48.1 Forfeiture of Security Deposit: Security amount in full or part may be forfeited, including interest, if any, in the following cases:

- When any terms and condition of the contract is breached.
- When the bidder fails to make complete supply satisfactorily.
- if the bidder breaches any provision of code of integrity, prescribed for bidders, specified in the Tender Document.

5.48.2 Notice will be given to the bidder with reasonable time before SD deposited is forfeited.

5.48.3 No interest shall be payable on the SD.

5.49 EXECUTION OF AGREEMENT

5.49.1 A procurement contract shall come into force from the date on which the letter of acceptance or letter of intent is dispatched to the selected bidder.

5.49.2 The selected bidder shall sign the procurement contract within 03- days from the date on which the letter of acceptance or letter of intent is dispatched to the successful bidder.

5.49.3 If the bidder, whose bid has been accepted, fails to sign a written procurement contract or fails to furnish the required performance security within specified period, the procuring entity shall take action against the successful bidder as per the provisions of the tender document and The Rajasthan Transparency in Public Procurement Act, 2012 and Rules, 2013.

5.49.4 The bidder will be required to execute the agreement on a non-judicial stamp of specified value at its cost and to be purchase from anywhere in Rajasthan only.

5.50 CANCELLATION OF PROCUREMENT PROCESS

If any procurement process has been cancelled, it shall not be reopened but it shall not prevent the procuring entity from initiating a new procurement process for the same subject matter of procurement, if required.

5.51 CODE OF INTEGRITY

Any person participating in a procurement process shall act in contravention of the code of integrity prescribed by the State Government (Rule 80 of The Rajasthan Transparency in Public Procurement Rules, 2013).

5.52 BREACH OF CODE OF INTEGRITY BY THE BIDDER

Without prejudice to the provisions of **Chapter IV** of the Rajasthan Transparency in Public Procurement Act, 2012, in case of any breach of code of integrity by Bidder, the procuring entity may take appropriate action in accordance with the provision of the **Sub-section (3) of Section 11** and **Section 46** of the act.

5.53 GRIEVANCE HANDLING PROCEDURE DURING PROCUREMENT PROCESS

Any grievance of a bidder pertaining to the procurement process shall be by way of filing an appeal to the First and Second Appellate Authority, as the case may be, in accordance with provisions of **Chapter III** of the Act and **Chapter VII** of the rules and as given in **Appendix 'A'** to this document. First appellate authority will be Vice Chancellor of University of Rajasthan.

5.54 CONFLICT OF INTEREST

A Conflict of Interest is considered to be a situation in which a Party has interests that could improperly influence that Party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations (See rule 81).

5.55 LEGAL JURISDICTION

All legal disputes are subject to the jurisdiction of Jaipur city courts only.

Annexure A : Compliance with the Code of Integrity and No. Conflict of Interest

Any person participating in a procurement process shall-

(a) Not offer any bribe, reward or gift of any material benefit either directly or indirectly in exchange for unfair advantage in procurement process or to otherwise influence the procurement process.

(b) Not misrepresent or omit that misleads attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;

(c) No indulge in any collusion, Bid rigging or anti-competitive behaviour to impair the transparency, fairness and process of the procurement process;

(d) Not misuse any information shared between the procuring Entity and the Bidders with and intent to gain unfair advantage in the procurement process;

(e) Not indulge in any coercion indulge impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;

(f) Not obstruct any investigation or audit of a procurement process;

(g) Disclose conflict of interest, if any and

(h) Disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

Conflict of Interest:-

Conflict of Interest:-

The Bidder participating in a bidding process must not have a Conflict of Interest.

A Conflict of Interest is considered to be a situation in which a party has interest that could improperly influence that party's performance of official duties of responsibilities, contractual obligations, or compliance with applicable laws and regulations.

1. A Bidder may be considered to be in a Conflict of Interest with one or more parties in a bidding process if, including but not limited to:
   a. Have controlling partners/shareholders in common; or
   b. Receive or have received any direct or indirect subsidy from any of them; or
   c. Have the same legal representative for purpose of the Bid; or
   d. Have a relationship with each other, directly or through common third parties, that puts another bidders, or influence the decisions of the Procuring Entity regarding the bidding process; or
   e. The Bidder participates in more than one Bid in a bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder in more than one Bid; or
   f. The Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods, Works or Services that are the subject of the Bid; or
   g. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the procuring Entity as Engineer-in-charge/consultant for the contract.

Name & Signature of Bidder with Seal

Annexure B: Declaration by the Bidder regarding Qualifications

Declaration by the Bidder

In relation to my/our Bid submitted to ---------- for procurement of Equipments under UGC XII Plan in response to their notice inviting Bids No.---------- Dated ----------. I/We hereby declare under section 7 of Rajasthan Transparency in Public Procurement Act 2012, that:

1. I/We possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity;
2. I/We have fulfilled my/our obligation to pay such of the taxes payable of the Union and the State Government or any local authority as specified in the Bidding Document;
3. I/We are not insolvent in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officers, not have my/our business activities suspended and not the subject of legal proceeding for any of the forgoing reasons;
4. I/We do not have, and our directors and officers not have been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualification to into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/We do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

Date	Signature of bidder
Place:	Name:
	Designation:
	Address

CHAPTER-6
CONDITIONS OF CONTRACT

6.1 APPLICATION OF THESE CONDITIONS

These Conditions shall apply to the extent that provisions in other parts of the Contract do not supersede them.

6.2 OTHER DOCUMENTS THAT FORM PART OF THIS CONTRACT

The Tender Document (along with its amendments if any), the Bid of the Firm/Company , any clarifications sought by the Tendering Authority, the responses provided by the Firm/Company, and any other correspondence exchanged shall form part of the contract to the extant the same is not inconsistent with this document and the award document to the Firm/Company.

6.3 PERFORMANCE SECURITY

6.3.1 The proceeds of the performance security shall be payable to the Tendering Authority as compensation for any loss resulting from the Firm/Company's failure to complete its obligations under the Contract. The Performance Security/Security Deposit shall be forfeitable for non-performance of the contract and there shall not be any relaxation to anybody.

6.3.2 In the event of any contract amendment, the Firm/Company shall, within 10 days of receipt of such amendment, furnish the amendment to the Performance Security/Security Deposit, rendering the same valid for the duration of the Contract, as amended for further period of **one year** thereafter.

6.4 SAFETY REQUIREMENTS

The Firm/Company shall abide by the job safety measures prevalent in India and shall free the Tendering Authority from all demands or responsibilities arising from accidents or loss of life, the cause of which is the Firm/Company's negligence. The Firm/Company shall pay all indemnities arising from such incidents and shall not hold the Tendering Authority responsible or obligated.

6.5 FIRM/COMPANY'S OBLIGATIONS

The Firm/Company is responsible for, and obliged to conduct all contracted activities as defined in the scope of work or wherever contained in this document, in accordance with the Contract. The Firm/Company is obliged to work closely with the staff of the Tendering Authority and abide by all instructions and directives issued by them.

6.6 Change Orders and Contract Amendments

The Purchaser (as per ECI guidelines) may at any time order the supplier/ selected bidder through Notice to make changes viz. drawings or designs or specifications or formats or anything in the subject matter without impacting the cost of project where Goods/Material/Items & related services to be furnished under the Contract are to be specifically prepared and supplied for the Purchaser.

6.7 USE OF CONTRACT DOCUMENTS & INFORMATION

6.7.1 The Firm/Company shall treat as confidential all data and information about the Tendering Authority, obtained in the execution of his responsibilities, in strict confidence and shall not reveal such information to any other party without the prior written approval of the Tendering Authority.

6.7.2 The Firm/Company shall not, without the Tendering Authority's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Tendering Authority in connection therewith, to any person other than a person employed by them in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

6.7.3 Any document, other than the Contract itself, shall remain the property of the Tendering Authority and shall be returned (all copies) to the Tendering Authority on completion of the Firm/Company's performance under the Contract if so required by the Tendering Authority.

6.7.4 The Firm/Company must act in good faith and at all times extend its fullest cooperation to the University, its employees and agents during the performance of the Services.

6.7.5 The Firm/Company shall act with appropriate propriety and discretion and in particular shall refrain from making any public statement concerning the Project or the Services without prior approval of the University.

6.7.6 The Firm/Company shall refrain from disclosing or publicizing to its clientele including past and

prospective clients or to the public that it has provided Services to the University without prior approval of the University.

6.7.7 The Firm/Company shall not divulge to any person not authorized by the University and shall not use for its own purposes, any information concerning the University, its staff or the Project which the Firm/Company may have access to directly or indirectly from the services performed under this Agreement or otherwise during the course of the Project; strict confidentiality shall be maintained by the Firm/Company and its employees /agents in respect of the information provided by the University to the Firm/ Company. This confidentiality clause shall be applicable not only to existing employees of the Firm/Company but also to its employees involved in the project who may leave the service of the Firm/Company, and accordingly, it shall be the responsibility of the Firm/Company to ensure that any such employee also shall not divulge or use any such information for his/her own purpose; Violation of these terms and Conditions resulted into the Civil as well as Criminal liability against the Firm/Company and it's both types of employees (present and past) providing services.

6.7.8 The Firm/Company shall have no authority to commit the University to any additional costs, fees or expenses in connection with the Project.

6.7.9 The Firm/Company shall report immediately to the University any circumstances or events which might reasonably be expected to impair or prejudice the performance of the Services.

6.7.10 The Firm/Company shall at all-time refrain from showing the report/work in progress or the completed report/work to any person not duly authorized by the University in writing.

6.7.11 The Firm/Company at any time shall not show or submit report / work in progress or completed work report to any person/ authorities except the person/ authorities duly authorized by the University in writing, violation of this shall be civil and criminal liability on Firm/Company.

6.8 RESPONSIBILITIES

6.8.1 Firm/Company shall be responsible for the following activities during the course of assignment:-

- Resource and Project Management as per Scope of the work
- Completion of the work/services/tasks as mentioned in the Scope of the work
- The Firm/Company shall appoint at the Commencement of the Project one of its representatives as a coordinator who shall act as a single point of contact with the University during the conduct of the project

6.8.2 The University shall be responsible for the following activities during the course of the assignment:

- Provide information/data/clarifications for all issues.
- The University shall appoint at the Commencement of the Project one or two of its representatives as a coordinator who shall act as a single point of contact with the Firm/Company during the conduct of the Project.

6.9 FINANCIAL AND LEGAL LIABILITY

The Firm/Company shall be solely responsible for any financial issues arising out of the result of this Contract. Any financial loss to University, due to faulty work as a result of this tender, shall be sole responsibility Firm/Company and he has to fulfill all claims arising out of this problem.

6.10 INDEMNITY

The Bidder shall indemnify Tendering Authority from and against any costs, loss, damages, expenses and claims including those from third parties or liabilities of any kind howsoever suffered arising or incurred inter alia during and after the contract period out of:

6.10.1 Any negligence or wrongful act or omission by the Bidder or any subcontract or third party in connection with or incidental to this contract or

6.10.2 Any breach of any of the terms of this contract by all Firms/Companies or any sub-contract or third party.

6.11 STANDARDS OF PERFORMANCE

The Firm/Company is liable to complete the work in accordance with the specification and approved International standard according to various laws such as Information Technology Act 2000 and related Laws, Rules and Regulations.

CHAPTER – 7
COMMERCIAL TERMS

A. STANDARDS OF PERFORMANCE

7.1 PAYMENT SCHEDULE

7.1.1 No advance payment will be admissible in any circumstances.

7.1.2 Payment will be made after successful delivery/installation of the required items/equipment as per supply order.

7.2 LIQUIDATED DAMAGES

7.2.1 In case of any delay in the time schedule prescribed BY TENDERING AUTHORITY, payment shall be made on the basis of following percentages of value of stores which the Firm/Company has supplied:-

- Delay up to one-fourth period of the prescribed Delivery - 2.5 % of total order value.
- Delay exceeding one fourth but not exceeding half of the prescribed delivery period - 5% of total value.
- Delay exceeding half but not exceeding three fourth of the prescribed period 7.5%
- Delay exceeding three fourth of the prescribed period. 10%
- Fraction of a day in reckoning the period of delay in supplies shall be eliminated if it is less than half a day.
- If Firm/Company requests for an extension of time in completion of contractual supply on account of occurrence of any circumstances beyond control of human being, he shall apply in writing to the authority, which has placed the supply order, for the same immediately on occurrence of the circumstances,
- However, if the delay is caused due to unavoidable circumstances, then Tendering Authority reserves the right to waive off the compensation.

7.2.2 In case of delay beyond thirty days tendering authority will be at liberty to procure the services from any other agency at the risk and cost of the Firm/Company and it also will result in the forfeiture of the Performance Security amount.

7.2.3 For any other irregularities, mistakes, etc, penalty at the discretion of Tendering Authority will be imposed.

7.2.4 That for unsatisfactory performance owing to absence of Firm/Company's staff, deficiencies in services or for some other reason the tendering authority shall be within its rights to make necessary deductions for such deficiency in services. Alternatively, the tendering authority may, after giving an opportunity of being heard to the Firm/Company, get such deficiencies fulfilled at the cost and responsibility of the Firm/Company.

7.2.5 Where any claim for the payment of a sum of money arises, out of or under this contract against the Firm/Company, the tendering authority shall be entitled to recover such a sum by appropriating in part or whole, from the performance security to be deposited by the Firm/Company. In the event of the performance security being insufficient, the balance of the total sum recoverable, as the case may be , shall be deducted from any sum then due or which at any time thereafter may become due to the Firm / Company under this and any other persons contracting through the Registrar. University of Rajasthan. Jaipur, should this sum not be sufficient to recover the full amount recoverable the Firm/Company shall pay to this office the remaining balance. For failure to deposit the amount, legal action will be taken against the Firm/Company.

7.3 SUSPENSION OF WORK

The Firm/Company shall, if ordered in writing by the tendering authority for non performance, temporarily suspend the works or any part thereof for such a period and such a time as ordered. The Firm/Company shall not be entitled to claim compensation for any loss or damage sustained by him by reason of temporary suspension of the Works as aforesaid. An extension of time for completion, corresponding with the delay caused by any such suspension of the works as aforesaid shall be granted to the Firm/Company, if request for same is made and that the suspension was not consequent to any default or failure on the part of the Bidder. In case the suspension of works, is not consequent to any default or failure on the part of the Firm/Company, and lasts for a period of more than 2 months, the Firm/Company shall have the option to request the tendering authority to terminate the Contract with mutual consent.

7.4 TERMINATION FOR INSOLVENCY

The Tendering Authority may at any time terminate the Contract by giving written notice to the Firm/Company, if the Firm/Company becomes bankrupt or otherwise insolvent. In this event, termination shall be without compensation to the Firm/Company, provided that such termination shall not prejudice or affect any right of action or remedy, which has accrued or shall accrue thereafter to the Tendering Authority.

7.5 TERMINATION

7.5.1 The Tendering Authority may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Firm/Company, terminate the Contract in whole or part:-

- If the Firm/Company fails to deliver any or all of the Goods or Services within the period(s) specified in the Contract.
- If the Firm/Company fails to perform as per the Quality standards and as per the Scope of the Work
- If the Firm/Company, in the judgment of the Tendering Authority has engaged in corrupt or fraudulent practices in competing for or in Executing the Contract.
- For the purpose of this clause the definition for corrupt practice and fraudulent practice shall be as per the law

7.5.2 The Tendering Authority may also at its sole discretion accept full or part work and also reserves the right to delete any items from the scope of the work.

7.5.3 The Tendering Authority may, without prejudice to any other remedy for breach of contract, by written notice sent to the Firm/Company, without assigning any reason may terminate the Contract in whole or part:, if the tendering authority satisfies that the services of the Firm/Company are no more required or Firm/Company is not executing its services properly.

7.5.4 If the Firm/Company after submission of Bid and due acceptance of the same i.e. after placement of order fails to abide by the terms and conditions of the tender document or fails to execute the work as per the prescribed schedule given or at any time repudiates the contract, the tendering authority will have the right to forfeit the EMD, invoke performance security deposited by the firm and get the work done from other Firm/Company at the risk and consequences of the first Firm/Company. The cost difference between the alternative arrangements and Firm/Company 's bid value will be recovered from the firm along with other incidental charges including transportation, taxes, etc. in case tendering authority is forced to work done through alternative source and if the cost is lower, no benefit on this account would be passed on the Firm/Company.

7.5.5 In case of failure by the bidder to carry out the job in accordance with provisions of the contract and as per the Scope of the Work, the tendering authority will have right to cancel the contract and award it to any other Firm/Company and any loss sustained thereby will be recoverable from the first Firm/Company.

7.6 CONSEQUENCES OF TERMINATION

7.6.1 In circumstances mentioned above, the Tendering / Implementing Authority shall exercise the following steps:

- Ask the Firm/Company to leave the job and return the entire material in an "as is where is" condition, and / or:
- Shall forfeit the Security Deposit obtained as performance Guarantee.
- Shall take appropriate steps in terms of remedies for breach of contract under relevant provisions of law.

7.6.2 Tendering Authority reserves the right to disqualify the Firm/Company for a suitable period who habitually failed to supply the services in time.

7.6.3 Further, the Firm/Company whose services do not perform satisfactory in the field in accordance with the specifications may also be disqualified for a suitable period as decided by the tendering authority.

7.6.4 Tendering Authority reserves the right to blacklist a bidder for a suitable period in case he fails to honor his bid without sufficient grounds.

7.7 FORCE MAJEURE

7.7.1 The Firm/Company shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that it's delay in

performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

7.7.2 For purposes of this clause, "Force Majeure" means an event beyond the control of the Firm/Company and not involving the Firm/Company's fault or negligence and not foreseeable.

7.7.3 Such events may include, but are not limited to acts of the Tendering Authority in its sovereign or contractual capacity, war or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

7.7.4 If a force Majeure situation arises, the Firm/Company shall promptly notify the Tendering Authority in writing of such conditions and the cause thereof. Unless otherwise directed by the Tendering Authority in writing, the Firm/Company shall continue to perform its obligations under the Contract as far as it is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure.

7.8 RESOLUTION OF DISPUTES

7.8.1 The Tendering Authority and the Firm/Company shall make every effort to resolve amicably by direct informal negotiations any disagreement or dispute arising between them in connection with the contract.

7.8.2 If, after thirty (30) days from the commencement of such informal negotiations, the Tendering Authority and the Firm/Company have been unable to resolve amicably a contract dispute, all such disputes, differences, claims and demands arising under the contract shall be referred to arbitration of a sole Arbitrator to be appointed by the mutual consent. All arbitrations shall be held in Jaipur.

7.8.3 All legal disputes are subject to the jurisdiction of Jaipur city courts only.

7.9 GOVERNING LANGUAGE

The contract shall be written in English or Hindi. All correspondence and other documents pertaining to the contract, which are exchanged by the parties, shall be written in the same languages.

7.10 APPLICABLE LAW

The contract shall be interpreted in accordance with terms and conditions of the document and The Rajasthan Transparency in Public Procurement Act, 2012 and Rules, 2013 and appropriate Indian Laws and Govt. of Rajasthan rules issued amended time to time.

7.11 TAXES AND DUTIES

The Firm/Company shall be entirely responsible for all taxes, duties, license fees, road permits etc. No increase in the rates shall be allowed during the period of the contract.

7.12 NOTICES

7.12.1 Any notice given by one party to the other pursuant to this contract shall be sent to the other party in writing or by telex, cable or facsimile and confirmed in writing to the party's address.

7.12.2 A notice shall be effective when delivered or on the notices effective date whichever is later. For the purposes of all notices by the Firm/Company to the Tendering Authority on change address if informed in writing, these shall be sent to the Tendering Authority by the Firm/Company at the address mentioned in the Letter of Award.

CHAPTER-8
TENDER FORM

TECHNICAL BID

Please ensure that your response clearly answers all the questions. If you use additional schedules or documentation to support your response, make sure that they are clearly cross-referenced to the relevant question.

I) Addressed to:

a) **Name of the Tendering Authority** : **Registrar**
b) **Address** : **University of Rajasthan, Jaipur – 302 004**
c) **Telephone/Fax** : **0141 2706813**

II) NIT Reference with date :

III) Other related details

1.	Name of Bidder				
2.	Name & Designation of authorised signatory				
3.	Registered Office Address				
4.	Telephone No.		Fax		
5.	Mobile		Email		
6.	Website				
7.	Rajasthan Centre (if any)	Address			
		Telephone No.			
		Contact Person			
8.	Year of Establishment				
9.	Nature of the Firm/ Company	Government	Public	Private	Partnership
	Put Tick (✓) Mark				
10.	No. of years providing service				
11.	GST Registration No. (Enclose copy of Certificate)				
12.	PAN No./ TIN No. (Enclose Copy of PAN/ TIN Card				
13.	Whether Firm/Company is agreed to the Terms & Conditions mentioned in the Tender				

14.	**Whether registered with the Industries Departments** (Enclose copy of Permanent SSI Unit Certificate or equivalent)	
15.	**CGST/ GST clearance certificate from the concerning commercial taxes officer** (Enclose copy of certificate year 2018-19)	
16.	**Previous Experience** (Attach Certificate)	

IV) Following documents are attached towards the proof of Earnest money deposited in favour of the Registrar, University of Rajasthan, Jaipur payable at Jaipur

S.No.	Details of Tender Fee/EMD	DD/Banker's Cheque Issuing Bank Name	No. with Date
	As per details given in Chapter-2 of this tender		

V) Following documents are attached towards the proof of Earnest money deposited in favour of the Registrar, University of Rajasthan, Jaipur payable at Jaipur

S.No.	EMD Amount	DD/Banker's Cheque Issuing Bank Name	No. with Date

VI) Annual Turnover during last three years (attach audited balance sheet clearly showing at least Rs. 0.10 Crores onward Turnover

Year	2016-17	2017-18	2018-19	Total Turn Over (Rs.)
Turn Over (Rs.)				

VII) Quality Certificate/ Awards for Products/Services, If any :

S.No.	Name of the Certificate	Certified By	Year of getting Certification	Whether Certificate is valid as on date
1.				
2.				
3.				
4.				

VIII) Provide List of users and installations in India:

S.No.	Name of Organization/ Institute	Year	Make/Model of Equipment	Contact no. of concerning person

IX) Provide the Compliance Statement of Tender Specifications as per given format

Tender Specification	Feature Available in equipment as per required specification mentioned in Chapter 3	Deviation From Specification	Corresponding Page Number of datasheet/ Brochure in support of specification	Remarks\ If any

Name & Signature of Bidder with Seal

Format -1

BID COVERING LETTER
(To be printed on Letter head of the Bidder)

To

The Registrar,
University of Rajasthan
Jaipur -302004

Dear Sir,

Tender Reference No.: .....

SUBJECT: Tender document for participation in the tender process for **Procurement of Equipments under UGC XII Plan** for EMD **As per details given in Chapter-2 of this tender** including all Annexure the receipt of which is hereby duly acknowledged, we, the undersigned, offer to work as Firm/Company as mentioned in the Scope of the work as required by Registrar, University of Rajasthan, Jaipur in conformity with the said tender documents.

1. **TERMS AND CONDITIONS**
   a) I/We, the undersigned Bidder(s), having read and examined in detail the specifications and all bidding documents in respect 6 this tender do hereby propose to provide goods and services as specified in the bidding document.
   b) I/We, the undersigned Bidder(s), having submitted the qualifying data as required in this tender, do hereby bind ourselves to the conditions of this tender. In case any further information/documentary proof in this regard before evaluation of our bid is required. I/We agree to furnish the same on demand to your satisfaction.

2 **RATE AND VALIDITY**
   a) All the rates mentioned in our proposal are in accordance with the terms as specified in bidding documents. All the rates and
   other terms and conditions of this proposal are valid for a period of One years from the date of opening of the bid.
   b) I/We do hereby confirm that our bid rates include all taxes including Income Tax & Professional Tax.
   c) I/we have studied the Clauses relating to Indian Income Tax Act and hereby declare that if any Income Tax, surcharge on Income Tax and any other Corporate Tax is altered under the law, I/we shall pay the same.

3 **DEVIATIONS** We declare that all the services shall be performed strictly in accordance with the Technical specification, Time Schedule and other terms of the tender document except the deviation as mentioned in the Technical Deviation Performa Further, I/We agree that additional conditions, if any, found in the proposal documents, other than those stated in deviation Performa, shall not be given effect to.

4 **BID PRICING** I/We further declare that the rates stated in our proposal are in accordance with your terms and conditions in the bidding document.

5 **EARNEST MONEY** I/We have enclosed the earnest money as required. In case of default it is liable to be forfeited in accordance with
the provisions of the tender document.

6 BANK GUARANTEE I/We shall submit a Bank Guarantee as required.

7 I/We hereby declare that my/our proposal is made in good faith, without collusion or fraud and the information contained in the
proposal is true and correct to the best of my/our knowledge and belief and nothing has been concealed there from.

8 Until a formal contract is prepared and executed, this Bid offers, together with your written acceptance thereof and your notification of award shall constitute a binding contract between us.

9 We understand that you are not bound to accept the lowest or any offer you may receive.

10 We agree to the terms and conditions mentioned in the Tender Document.

Thanking you.

Yours faithfully.

(Signatures)

Date _____ **Place:** _____ **Name:** _____ **Designation:** _____ **Seal:**

Name & Signature of Bidder with Seal

Format - 2

BIDDER'S AUTHORISATION CERTIFICATE

To,

The Registrar,
University of Rajasthan
Jaipur (Rajasthan)
Pin - 302004.

<Bidder's Name> _____ <Designation> _____ is hereby authorised to sign relevant documents on behalf of the Company in dealing with Tender of reference <Tender No./Date> _____. He is also authorised to attend meetings and submit Technical and Commercial Information as may be required by you in the course of processing above said tender.

Thanking You.

Authorised Signatory

Name :

Seal :

The specimen signature of the authorized person is as :

Attested by the

Authorized Signatory

Format – 3

SELF DECLERATION
(Notarized Affidavit)

Ref. : Date :

To,

The Registrar,
University of Rajasthan
Jaipur (Rajasthan)
Pin - 302004.

Dear Sir,

In response to the tender No. _____ Date _____ as Owner/Partner/Director of _____

1. I/We hereby declare that our Agency _____ is having unblemished past record and was not declared ineligible for corrupt and fraudulent practices either indefinitely or of a particular period of time.
2. I/We M/s. _____ (Name of the Company) are not blacklisted in any Department of Government of Rajasthan/Government of India/by any University/Public Enterprises.
3. I/We further undertake that our partner M/s. _____ (Name of Firm/Company) having office are also not blacklisted in any Department of Government of Rajasthan Government of India/ by any University/Public Enterprises.
4. I/We hereby declare that there are no pending cases against M/s. _____ (Name & Address of Bidder) with Government of Rajasthan or any other court of law.
5. I/We hereby declare that Bidder's company or Director/Owner of the Company have not been declared by any Court or Competent Authorities in solvent or involved in any fraudulent mean (Economical & Criminal) as on 1st April, 2016.

Name : _____
Address : _____
Telephone Office : _____ **(Residence):**_____
Mobile No. _____**Fax No.** _____
E-Mail : _____

Place : **Signature :**

Date : **Name :**
Company Seal

Note :

1. In-adequate information could lead to disqualification of the bid.
2. All items should be supported by proper documents.
3. No change of any kind should be made in this format. In-adequate information or change in format could lead to disqualification of the bid.
4. The Notarized Affidavit should be submitted before closing date fixed for Technical Bid Closing.
5. No change of any kind should be made in this format. In-adequate information or change in format could lead to disqualification of the bid.
6. Name, address and Telephone Number (Office, Residence, Mobile) of the contract Person to whom all References shall be made regarding this tender.

Format -4

DECLARATION FOR PRICE SCHEDULE/ COMMERCIAL BID

Tender Ref. ---------- **Date ---------**

To,

The Registrar,
University of Rajasthan
Jaipur. (Rajasthan)
Pin – 302004

Subject : TENDER DOCUMENT FOR PARTICIPATION IN THE TENDER PROCESS FOR procurement of Equipments under UGC XII Plan for EMD as per details given in Chapter-2 of this tender

That we are sole owner of

_____

_____

That we/ the undersigned agency is equipped with adequate hardware/ software and other facilities required for providing services and our establishment is open for inspection by the representative of University.

We hereby offer to provide service at the prices and rates mentioned in the commercial bid (as per commercial template.)

We do hereby undertake, that,

i. In the event of acceptance of our bid, the services shall be provided as stipulated in the work order and the tender terms and conditions to the Bid and that we shall perform the entire incidental services.
ii. The prices quoted are inclusive of all charges inclusive of travelling, hardware/manpower etc. for providing the desired services FOR.
iii. We agree to abide by our offer a period of **one year** from the date fixed for opening of the tenders and we shall remain bound by a communication within that time.
iv. We have carefully read and understood the terms and conditions of the tender and the conditions of the contract applicable to the tender and we do hereby undertake to provide the services as per these terms and conditions.
v. We do hereby undertake, that until a formal contract is prepared and executed, this bid, together with your written acceptance thereof, the tender document and placement of letter of intent awarding the contract shall constitute a binding contract between us.

I/ We hereby, undertake that we shall not ask for any other charges than the charges specified above. We also confirm that we will make our own arrangements at our own cost for travelling, boarding lodging, communication etc, for successful implementation of the project at site.

Dated : Name & Signature

Name of Agency

Company Seal Full Address

Format - 5

AGREEMENT FORM

Agreement made this _____ day _____ of One thousand _____ _____ between _____ (hereinafter called the Firm/Company) of the one part and the Registrar, university of Rajasthan, Jaipur. (hereinafter called the University) of the other part

WHEREAS the Firm/Company has tendered for **procurement of Equipments under UGC XII Plan (EMD as per details given in Chapter-2 of this tender to the University of Rajasthan, Jaipur.** (hereinafter called "The Tendering Authority") as per the terms and conditions mentioned in the tender document. Whereas such tender has been accepted and the Firm/Company has deposited with the Tendering Authority the sum of Rs. _____ _____ (Rupees _____ only) as security for the fulfilment of the Agreement.

NOW IT IS HEREBY AGREED between the parties hereto as follows :

The Firm/Company has accepted the contract on the terms and conditions set out in the tender notice no. ____ _____ dated _____ as well in the acceptance of tender no. _____ dated _____ which shall hold good during period of this agreement.

Upon breach by the Firm/Company of any of the conditions of the agreement the Tendering Authority may issue a notice in writing, determine and put an end to this agreement without prejudice to the right of the university of Rajasthan to claim damages for antecedent breaches thereof on the part of the Firm/Company and also to reasonable compensation for the loss occasioned by the failure of the Firm/Company to fulfil the agreement as certified in writing by the Tendering Authority which certificate shall be conclusive of the amount of such compensation payable by the Firm/Company to the University.

Upon the determination of this agreement whether by efflux ion of time or otherwise the said deposit shall after the expiration of _____ months from the date of such determination be returned to the Firm/Company but without interest and after deducting there from any such due by the Firm/Company to the University under the terms and conditions of this agreement.

This agreement shall remain in force until the expiry of 12 months from the date of entering into the contract but the Tendering Authority may cancel the contract at any time upon giving one months notice in writing without compensating the Firm/Company.

In witness whereof the said _____ hath set his hand hereto and the Tendering Authority has on behalf of the University of Rajasthan affixed his hand and seal thereto the day and year first above written.

The Tendering Authority may give notices in connection with the contract. In consideration of the payments to be made by the Tendering Authority to the Bidder as hereinafter mentioned the Bidder hereby covenants with the Tendering Authority to provide the services and to remedy defects therein conformity in all respects with the provisions of the contract.

The Tendering Authority hereby covenants to pay the Bidder in consideration of the provision of the services and the remedying of defects therein, the contract price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

If subject to circumstances beyond control (Force Majeure) the contract fails to deliver the services in accordance with the conditions mentioned in the tender, the Tendering Authority shall be entitled to obtain services from else other organization after giving due notice to the Bidder on the amount and at the risk of the Bidder without cancelling the contract in respect of the consignment not yet due for delivery, or to cancel the contract.

In the event of action to be taken, the Firm/Company shall be liable for any losses, which the Tendering Authority may sustain on that account. The recovery by way of penalty shall be made by deducting the amount from the bills be made good by a credit note within the stipulated period for the purpose.

FIRM/COMPANY

Registrar, University of Rajasthan, Jaipur.
on behalf of the University of Rajasthan, Jaipur

Witness 1-

Witness 2-

Format - 6

PERFORMANCE SECURITY FORM

To,
(Name of Indenter)

WHEREAS _____(Name of Bidder) hereinafter called " the Bidder " has undertaken contract No. _____dated, _____ _____ 20____ to render services hereinafter called the Contract"

AND WHEREAS it has been stipulated by you in the said Contract that the Bidder shall furnish you with a bank Guarantee by a Nationalised bank for the sum specified therein as security for compliance with the Bidder's performance obligation in accordance with the contract.

AND WHEREAS we have agreed to give the Bidder a guarantee :

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Bidder, up to a total of _____ (Amount of the guarantee in words and figure) and we undertake to pay you, upon your first written demand declaring the Bidder to be in default under the contract and without cavil or argument, any sum or sums within the limit of _____as aforesaid, without your needing to prove or to show this grounds or reasons for your demand or the sum specified therein.

The guarantee is valid until the _____day of _____20.

Signature and Seal of Guarantors

_____

_____

Date : _____

Address :

Format-7

COMMERCIAL BID

Tender Inviting Authority: Registrar, University of Rajasthan, Jaipur	
Name of Work: Procurement of Equipment under UGC XIIth Plan	
NIB. NO. F-9/G.Ad./e procument Cell/2020/.....; Dated-.....	
Bidder Name:	

PRICE SCHEDULE

(This Commercial Bid must not be modified /replaced by the bidder and the same should be put in the separate envelope after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name, Description of the quoted item and Respective Values only)

S.No. as per Technical Specifications	Item Description	Basic Rate Per Unit (Rs.) (excluding GST)	SGST Rs.	CGST (Rs.)	Total Rate Per Unit* (Rs.)
1	2	3	4	5	6
1.	USB based 1024 Channel Multi-Channel Analyzer				
2.	GM Counter with Alpha, Beta &Gamma Radioactive source Kit				
3.	GM Tubes				
4.	Electron Spin Resonance Spectrophotometer				
5.	Magnetic Hysteresis Loop Tracer				
6.	Thickness of thin-film foil measurement setup				
7.	Absorption Coefficient of Liquid with photo volatile cell				
8.	Lattice Dynamic Setup				
9.	Digital Gausses meter				
10.	Function Generator				
11.	Digital Millimeter				
12.	Power Supply (+12, -12, +5V)				
13.	Optoelectronic Device Characteristics Setup				
14.	Digital Signal Oscilloscope (DSO)				
15.	Klystron X-Band Based Microwave Test Bench				
16.	Gel Filtration Unit/ FPLC/ Chromatography System				
17.	Incubator Shaker				
18.	pH Meter Table Top				
19.	Weighing Balance 4 Digit				
20.	Autoclave 45 to 70 Letter capacity				

Dated :

Signature of Firm/Company with Seal
Name :
Full Address:
Mobile No. :

Note :

1- All the costs should be quoted in Indian Rupees and should be fixed on lump sum basis. No escalation of cost will be allowed under any circumstances.
2- Bidder must quote for every column of the price schedule. Do not write Zero. Nil. etc in any column.
3- The rates are F.O.R. the respective Departments of the University of Rajasthan, Jaipur
4- University shall not pay separately any specific statutory taxes/ service charges to any authority.
5- No hidden charges will be allowed . if any
6- Grand Total should be written both in words and figure.
7- Quoted rates must be inclusive of all charges by way of packing forwarding incidental of transit charges including transit insurance, octoroi and any other levies or duties etc. and transportation of material up to University colleges/departments/centres. Rates are F.O.R.