

**GOVERNMENT OF RAJASTHAN
DIRECTORATE OF MEDICAL & HEALTH SERVICES,
RAJ., JAIPUR**

No/DMHS/CD/Store/2010

Dated

SHORT TERM NOTICE INVITING TENDER

1. Sealed tenders are invited from manufactures/Director Importers only in prescribed form for supply of Instruments/Equipments as per details given below:-

Date of selling fo tender form	--	16.01.2011 from 11.30 A.M.
Last date for slae of Tender form	--	04.02.2011 Up to 11.00 AM
Last date of Receipt of Tender	--	05.02.2011 Up to 01.30 PM
Date of Opening of Technical bid	--	05.02.2011 at 03.00 PM
2. Estimated cost of Instruments/Equipments to Rs.194.00 Lacs.
3. Detailed Particulars of the list of equipment required, tender documents & specification of equipment may be seen on the Govt. of Rajasthan public relations departments website "www.diproline.org," "or" "www.rajswasthya.nic.in" as in the office of the Director, medical & health services Raj. Jaipur Room no. 319
4. Tenders are to be submitted on prescribed tender form, which can be obtained on application from this office on payment of Rs. 100 in cash or Demand Draft/ Bankers cheque in the name of Director, Medical & Health Services, Raj. Jaipur, which will not be refunded. Tenders not submitted on prescribed form will be rejected.
5. Tender form must be sent separately (Item wise) along with tender fees & earnest money in separate envelope for each item, otherwise ternder of the firm may be canceled.
6. Tenders received after the prescribed time and date shall be rejected.

**Director (PH)
Medical & Health Services
Rajasthan Jaipur**

1. AIR CURTAIN

- ✚ Company Should be ISO certified and product should be C.E certified.
- ✚ The blowers are made of high quality aluminum sheets.
- ✚ Blowers are duly balanced both statically and dynamically on computerized digital balancing machines.
- ✚ Blowers are designed to provide uniform air with minimum noise and no vibration.
- ✚ The motors used are of continuous rating with sealed ball bearing.

Door width	1200mm
Velocity	High velocity model approx 10 mtr/sec.
Moc	Cold rolled mild steel sheet
Moc (Blowers)	statically and dynamically balanced blowers made of high quality aluminum sheets.

2. VERTICAL AUTO CLAVE (STERILIZATION) ISI MARK

Should be ISI marked IS No. 3829 and unit comprises of Steam jacket electrically headed, inner chamber & lid made of stainless steel with automatic pressure control switch and safety valve.

Chamber : The chamber should be made of heavy gauge stainless still fitted with stainless steel forged ring, forged lid. Chamber should be fitted with two safety values stainless steel, pressure gauge, water outlet valve and air inlet valve, stainless steel steam condenser tube with stainless steel eject valve.

Steam Generator should be made of stainless steel heavy gauge fitted with pressure gauge and water draining valve.

Size: 400 mm Diameter X 600 mm Depth Load : 6 KW

Accessories:

- (i) Pressure gauge / compound guage { 15-20 psi }
- (ii) Water level gauge glass with cut off device.
- (iii) Wings nut for vertical autoclave
- (iv) Neoprene rubber joint less gaskets
- (v) Suitable heating element for above load.
- (vi) Pressure switch
- (vii) Accuracy 1psi

3. AUTOMATIC DISPENSER

- Fully Autoclavable model
- Strong chemical resistance (Borosilicate Glass Barrel protected with a transparent polypropylene sleeve).
- Chemical restivity chart must.
- Provided with 38, 40 and 45mm adaptors and anti-drip tap mechanism
- Easy to adjust calibration mechanism
- CE and IVD Certified

- Strong Chemical resistance
- Warranty 1 year
-

Range	Increment
0.2ml-10ml	0.20ml
1.0ml-30ml	1.00ml
1.0ml-50ml	1.00ml

4. B.O.D. INCUBATOR

- ✚ With a solid see thru double walled door and a full view inner plexi-glass door enables inspection and monitoring of inner chamber specimens without disturbing the process temperature.
- ✚ Company Should be ISO certified and product should be C.E certified.
- ✚ Excellent quality magnetic gum packing door gasket for external door.
- ✚ User oriented design or shelves make you adjust each space of shelves without difficulty.
- ✚ Forced air circulation at triple walled back by durable coaxial blower, maintains optimum temperature uniformity and homogeneity.
- ✚ High grade PUF INSULATION between outer and inner chamber for minimal thermal losses.
- ✚ Caster wheel mounted for easy portability.
- ✚ Front double walled door is provided with lock and key arrangement.
- ✚ Door operated illumination lamp is fitted inside the chamber for easy visibility,
- ✚ Finned tube evaporator facilitates uniform and faster cooling effects .
- ✚ Besides B.O.D. Incubator, it can be used as a low temperature cooling chamber for general laboratory requirements.

Type	Forced convection type
Freezer Compressor	Hermetically sealed air cooling compressor system
Temperature range	5°C to 60°C
Temperature Accuracy	± 0.1°C
Humidity creation	Through sophisticated steam injection process.
Humidity range	5% above ambient from 55% to 95% RH at cool temperatures.
Humidity Accuracy	± 3%RH
MOC outer	Powder coated CRC steel sheet
MOC Inner	Chamber and trays made of stainless steel (SS-304)
Evaporator	Finned tube evaporator for faster cooling effects
Safety	Over temperature limiter switch prevents overheating.
Insulation	High density PUF insulation for tighter temperature controls
Controller	Fitting with microprocessor based TEMPERATURE-HUMIDITY CONTROLLER CUM DATA LOGGER With following features: <ul style="list-style-type: none"> • 16x2 line(32 characters) alphanumeric backlit LCD display. • Membrane keyboard with tactile feedback. • Data (Temperature, humidity and light levels) storage upto 2500 events. • Programmable time interval from 0-99 minutes. • Real time clock

- Watch dog timer
 - Audio/visual alarm for temperature deviation from set values.
 - Temperature sensors : PT-100 (resolution 0.1°C)
 - Humidity sensors : Capacitive.
 - Program lock to avoid any changes in control parameters by unauthorized people.
 - Programmable time intervals form temperature humidity and light level control. \total 9 number of steps/programs
- LCD display for set value (SV) and process value (PV)

Display

Illumination (Option) Exterior illumination with five levels light control (0%,25%,50%,75% and 100%).

Voltage indicator Through a highly accurate digital voltmeter.

Electric supply 220/230V Ac, 50/60Hz

High Voltage protection Through automatic voltage stabilizer supplied with the unit (for drastic and sudden fluctuation in incoming volatage and frequency.

Capacity	171 liters
Volume	6.1 cuft
No. of Shelves	2

5. BINOCULAR MICROSCOPE WITH PHASE CONRTAST ATTACHMENT

Body: Binocular body rotatable through 360° shape corrosion resistant stand with convenient location of focus controls, Anti fungus treated, binocular pr Trinocular tube

Eyepieces : Wide field eye piece WF 10X and WF 15X

Objectives: Achromatic/semi plan objectives 4X, 10X, 100X ,400X, 1000X, 40XSL, 100XSL
Oil immersion

Microscope should be ISI marked.

Nose Piece : Quadruple revolving nose piece, with positive click stop , provided with ribbed grip for easy rotation, mounted on precision ball bearing mechanism.

Stage: Horizontal mechanical stage of size 140 x 140 mm approximate with fine Werner graduation, least count 0.1 mm the clamps provided are metallic & spring loaded for exact positioning of the specimen. The Stage is filled with ball bring to allow smooth travel over an area of 75x50 mm.

Illumination: The microscope equipped with a high intensity compact light source a filed diaphragm to enable Koehler Illumination, with halogen lamp of 6 volt 20 W with in built ON/OFF switch. Plano Concave mirror and Light intensity regulators should also be provided.

Eye Piece tube: Binocular eye piece tube should provide images, rotatable through 360° inclined at 45° having adjustable dioptic scale from +5 to -5 . The graduation is at the intervals of one diopter. The interocular distance should b e variable from 54 to 74 mm for convenience of the observer.

Packing: Wooden storing cabinet with lock and key.

Accessories: (i)Phase Contrast Attachment, Vinyl cover , Duster, 25 ml Immersion oil, Rolls of lens paper ,100 ml of Cleaning solution and Cleaning brush .

Features: Binocular eyepiece with diopter adjustment facility for measurement calibration, 30/45° inclined, photo adaptor site for CCD and projector attachment with phase contrast kit, darkfield kit , fluorescent kit, polarizing kit, daylight blue/green filter, & adaptor for digital still camera with USB prot.

6. CLOUD AND POUR POINT APPARATUS

This is made according to specification laid by IP 15 & IS 1448 (P : 10) 1970. The pour point is lowest temperature at which the oil will just fail to flow. The apparatus consists main cooling bath made out of S.S. sheet and stand unit with drain plug and cover has provision for fitting thermometer with least count 0.1⁰C and a filling aperture for adding freezing mixture. A glass for containing oils, jacket, disc and gasket as specified are also provided.

Cloud pour point apparatus with refrigeration system for 2 test Temp. Upto -30°C

7. Digital Burette Titration System:

Compact Titration System with Digital Display Incorporates on/off and pause buttons. Incorporates PC Interface, Easy grip hand wheel action and smooth precision gears for fast or drop wise titration make handling extremely simple and reliable. Accurate 2nd decimal digital display at equivalence point. Volume ml -50ml, subdivision ml - 0.01, Accuracy - + 0.2 %. PTFE Piston. Titration recirculating valve, telescoping filling tube with Inspection Window. Conformity certified with electronic volume display. Special Amber Colour Cap for Sensitive Solution. Horizontal & Vertical adjustment of Titration Tube with Integrated Discharge valve. Auto switch off feature on longer periods of inactivity and built in timer for Auto Power off Programming.,with three(3)adoption.

8. Automatic Digital Refractometer Abbe without Auto sampler for Sugar & Oil

Features :

- High accuracy with the latest technology
- Built-in peltier thermo-module maintains a constant measuring temperature eliminating the need for an external water bath.
- Measurement begins automatically after the sample reaches the set targeted temperature.
- 60 user-programmable scales available.
- By setting upper and lower standard values, a graphic upper and lower limit bar can be displayed with the measured value.
- Manual calibration is possible to compensate for difference between standard liquids and measured values within a certain range.
- The built-in memory will recall the last 30 measurement values for easy viewing. Printing and/ or exporting to a computer.
- User- Friendly operation.

Measurement items : Refractive Index (nD)

Brix (Automatic Temperature compensation), 60 User Scales

Measurement range : Refractive Index (nD) 1.300 to 1.7100
 Brix 0.00 to 100.00%

Minimum indication : Refractive Index (nD) 0.00001
 Brix 0.01% Temperature 0.01°C

Measurement Accuracy: Refractive Index (nD) *+/- 0.00001
 Brix +/- 0.01%
 Temperature +/- 0.01°C

Automatic Temperature : 5.00 to 60.00°C

Compensation Range for Brix (The lower limit is the room Temperature minus 10°C)

Power Supply : AC 100V to 240V, 50/60Hz

Power consumption : 480VA

Output terminals(optional) : facility for Printer (for digital Printer) RS-232C

9. Digital TDS Meter

Technical Specification

Function Simultaneously	Cond. & Temp., TDS & Temp
Display	16 character x 2 lines alphanumeric BL LCD
Power supply	230 V ± 10% 50 Hz AC
TDS	
Range	TDS 0.0 ppm to 1000 ppt Auto ranging Conductivity 0.00 uS/cm to 1000 mS Auto ranging
Resolution	TDS 0.1 ppm Conductivity 0.01 uS on the lowest range
Accuracy	± 0.5% of range ± 1 digit
TDS Factor	0.50 (By default) & adjustable manually
Cell const. adjustment	Digital 0.05 to 2.000 By default 1.000

Temp.compensation	0 to 70 °C Auto with temp. probe/Manual with keys	
Temp. Coefficient adj.	0.00% to 4.00% adjustable. By default 2.00%	
Calibration	Manual	
Reference Temp.	20 Degree C & 25 Degree C	
Measuring Frequency	100 Hz & 1 KHz Auto Selection	
Mode of Calibration	By Value & By Measurement	
Temperature		
Range	-200 °C to +200°C	
Resolution	0.1 °C	
Accuracy	± 0.1% of range ±1 digit	
Calibration	two point manual	
Sensors	Pt100 probe	
Data entry	By soft touch keys with audible sound	
Storage	1000 samples	
Real time display	24 Hour mode with Date	
Interface	RS-232,Centronics & computer	
Print format	All Data Wise	
Digital output	Serial RS-232 Parallel Centronics	
Accessories	Conductivity Cell	Instruction Manual
	Dust cover	Temp Probe

10. AGATE PASTLE AND MORTAR (Electric)

The mortar grinder is supplied complete with scrapper with interchangeable scrapper blade and a set of agate pestle mortar 75mm inner dia. Suitable to operate on 220 volts 50 cycles AC. Size for 75mm Agate with timer up to 0-60 minutes.

11. SPECIFICATION FOR ELECTRONIC BALANCE DIGITAL (4 DIGIT) with FACTH with printer

Capacity	:	200 gm
Readability	:	0.1 mg
Repeatability	:	0.1 mg
Linearity \pm	:	0.2 mg
Calibration	:	Automatic Internal
Tare Range	:	Full
Operating Temperature	:	15° C to 35° C
Power Supply	:	AC Adaptor 220V or 50-60 ZH

FEATURES:

- Fully Automatic Internal Calibration with built in weight.
- A built in under hook for below weighing.
- Easy to read VFD (Vacuum Fluorescent display) Display.
- Density measurement for solid and liquid.
- Standard RS 232C Interface
- High Resolution, Quick Weighing, Accurate Result
- Based on E.M.F.C Technology
- S.S. Weighing Pan, Level Indicator, Adjustable fit,
- Tare Range upto max. Capacity of the balance.
- Conforms to ISO 9001 standards.
- The item should be stamped by weight & measure department.

12. SPECIFICATION FOR ELECTRONIC COLONY COUNTER (Quebec Colony Counter)

Power Source : 220V-240V & 50Hz

Colony counter with Digital Display Battery Operated with ON/OFF facility. Operation by tapping with marking facility counting from 1 to 4 digit Number.

Count the number by push button.

13 SHAKING MACHINE (WRIST ACTION)

The machine is made to hold flask from 100ml to 1000ml. the shaking speed action is variable and is controlled by speed regulator fitted with fractional H.P. motor to work on 220 V A.C. complete with plug and cord. Company Should be ISO certified and C.E. marked.

14. H.P.L.C. SPECIFICATIONS

UV detector	
Wavelength range	190-600 nm
Wavelength accuracy	+/- 1nm
Wavelength reproducibility	+/- 0.1nm
Noise	+/-0.25 x 10 ⁻³ AU (8ul cell)
Drift	+/-1 x 10 ⁻⁴ AU/h
Simultaneous dual wavelength measurement	Possible
Linearity	2.5 AU
Other features	
Automation	Auto start-up Auto shut-down
Validation function	Auto validation, System check Maintenance Measurement
Thermostated column compartment ,Workable temperature range, For column length , Temperature stability,	upto 80 ⁰ C 300 mm +/- 0.1 ⁰ C of set temperature
Manual injector(Rheodyne)	Should quote manual injector with variable loop having volume 10 ul, 20ul, 50ul,100ul. the instrument should supply with injection volume 20ul.
Software	Compliance Software with IQ/OQ and System suitability
Columns	C18 and C8 column of 250 x 4.6mm, 5u each 01 No
Standards, safety Training	On site comprehensive training for lab staff & support services till customer satisfaction with system. 3 year Guarantee and post warranty 5 years AMC Installation testing : suppliers of the instrument must provide free installation commissioning and testing of the equipment in the laboratory. Accessories, Syringe , Tool kit, Fluidics tubes, Metallic Solvent filter. manufacturer should include IQ/OQ/PQ in their Quote

Integrated Binary Gradient System with Pump, Mixer, Online Degasser, Low Pressure Gradient Valve, UV –Detector, Manual Sampler and Column Oven with controlling software. the instrument is used for food lab. microprocessor controlled HPLC system with LAN based, injection ports column, accessories and spares along with Data Handling system is required . Data processing system which is based on Microsoft Windows for instrument control, data acquisition, data analysis , quantitation , automation & customization with online & offline sessions provided system and should not have outside control buttons and system should be control by software instrument usage in terms of seal wear and volume of pumped mobile phase with pre- defined and user settable limits and feedback messages electronic records of maintenance and errors. Upgradable to Quaternary pump and autosampler. the system should be supplied with 1 hour backup UPS system. With complete manual in two sets. During gaurntee period visit of engineer once in 3 months.

15-SPECIFICATION FOR BACTERIOLOGICAL INCUBATOR ISI MARK

Construction :- With double walled construction with complete Inner chamber made of Highly polished stainless steel, outer chamber is made of mild steel sheet. Finished with powder coated paint. Gap between the walls is filled with special-grade glass wool for proper insulation and to avoid heat losses.

Inner chamber fabricated with ribs for adjusting shelves to convenient height supplied with 2 removable shelves. Shelves are made of polished stainless steel sheet as per chamber. Door is insulated & fitted with heavy hinges. Door has double glass window which facilitate inspection of samples without opening the door.

Heating elements made of high grade imported Nichrome wire are put inside the porcelain beads and placed at the bottom and side ribs for uniform temperature all over the space.

Temperature Control :- Digital thermometer type thermostat from ambient to 80 °C temperature along with Digital Indicator cum controller.

Accuracy $\pm 0.1^{\circ}\text{C}$

Ventilation : Air ventilators are provided on both side at top to flue away any gas or fumes.

Control Panel : The equipment is digital provided with a panel having a Digital control knob ON/OFF switch and two pilot lamps.

Power Requirements : Supplied with cord and plug sutible to operate on 220 V single phase. 50Hz AC supply.

Rating : 200 watts

Size of Inner Chamber :

W	X	H	X	D	No. of Shelves
455	X	455	X	455 mm	2

Accessories : Air circulating fan should be provided for uniform air circulation in the chamber.

16 KJELDHAL MICRO DIGESTION UNIT WITH ENERGY REGULATORS

Work on 220/230 AC supply. Supplied with lead fume duct Used for estimation of nitrogen content in the substance by digestion in micro flask of capacity 30,50& 100ml. the housing made of m. steel duly stove enamel painted .Unit of 6 test mantle type with glass parts and rubber tubing and clamps. Company Should be ISO certified and C.E. certified.

17 LABORATORY BLENDER/Mixeer

Suitable for the preparation of suspensions, homogenates and emulsions is pathology and pharmacy. The containers are of stainless steel having capacity of one liter to permit blending of upto 800 c.c. fitted with powerful universal AC/DC motor with choice of high, medium or low. Work on 220/230 AC supply

18 LAMINAR AIR FLOW HORIZONTAL :-

- It is used for various works that require maintenance of the cleanness and purity like plant tissue culture, examination and experimentation of precision electronic parts, medical science pharmacy ,agriculture sector and the like.
- Designed so as to meet the requirement of US federal standard 209 B providing particle free air to meet class 100 conditions.
- cold rolled steel duly powder coated or stainless steel (as order)
- Working table made of stainless steel sheet.
- Side panels and front door are made out thick transparent plexi glass.
- Air drawn through pre-filter is made to pass through highly effective HEPA (High efficiency particular air) filters having efficiency rating as high as 99.99% with cold DOP and 99.97% with hot DOP, thus retaining all air-borne particles of size 0.3 micron and larger.
- Heavy duty motor operates with minimum noise level.
- Company Should be ISO certified and C.E. marked.
- Working area is illuminated by fluorescent lighting fitted to the unit.
- Supplied complete with S.S. table top, transparent front door, static pressure manometer. Built in U.V. germicidal light and cock for gas, air or vacuum line, HEPA filters and pre-filter.
- The highly efficient HEPA filter maintains the optimum cleanliness and purity.
- The prefilter fitted extends the life of HEPA filter drastically.
- Silent vibration-free blower ensure noiseless operation and anti-vibration construction provides efficient working environment.
- To work on 220/230 volts A.C. supply

Main filter particles)	:	HEPA filter (99.97% efficient at 0.3 micron
Prefilter	:	High-efficiency prefilter.
Illumination	:	fluorescent lamp 40W
Sterilizing		
U processor LCD controller	:	auto switch off mode for motor blower when door is closed. Digital buzzer timer sounds an audio alarm on completion of sterilizing time of the chamber and switches of U.V. germicidal tube and automatically switches ON the fluorescent light, (UV-fluorescent interlock)(option)
Filter choke alarm signal.	:	microprocessor based filter replacement warning
Magnehelic gauge HEPA filter.	:	a differential pressure gauge for pressure across
Front door optional)	:	made of plexi glass (polycarbonate door
Utility	:	Gas/air cock and multipoint 15/5 amp. Electric socket.
Supply voltage and frequency	:	AC 230V, 50/60Hz
MOC (Cabinet) stainless	:	Wooden for cold rolled steel (Powder coated) or steel
Work table	:	Stainless steel Size 4x2x2 feet.

19 TINTOMETER

Technical Specification :-

Measuring principle Visual, Units

Modes: Transmittance, reflectance

Range: 0.1-79.9 Red, Yellow,
0.1-49.9 Blue; 0.1-3.9 Neutral

Resolution: 0.1 Lovibond ® unit

Optical System : 11 Glass-filled nylon racks containing a graduated range of
Colour glasses.

Viewing System : Fully adjustable, prismatic with integral blue filter
for light standardization.

Light Source : 2x12 Volt, 10 Watt tungsten halogen lamp

Illuminant : Approximates to day light

Path length : up to 153 mm (6")

Power pack : 12 Volt ac, switch able to suit 220/110 volt supply

Approvals : CE

Instrument housing : Fabricated sheet steel with a tough, textured paint
finish

Standard accessories

A range of optical glass cell up to 6" path length

Conformance filters and certified colour reference solutions representing a range
of colors, for quick and simple quality control checks on instrument and operators
. with complete manual in two set and gaurntee.

20 DIGITAL MELTING POINT APPRATUS

DISPLAY	-	3½ BRIGHT LED DIGITAL
ACCURACY	-	0.5 %
OPERATION	-	AUTOMATIC
MELTING INDICATION	-	AUTOMATIC BY BUZZER
RANGE	-	UPTO 350 ° C.
READABILITY	-	1 °C

HEATING MEDIA	-	AUTOMATIC FURNANCE
POWER	-	230 \pm 10%, 50 Hz. AC
ACCESSORIES	-	CAPILLARY TUBE -100 NOS. CLEANING NEEDLE – 1 NO.

INSTRUMENT SHOULD WORK AUTOMATICALLY ANY VISUAL INSPECTION USING A MAGNIFIER.

21MEMBRANE VACUUM FILTER HOLDER VACCUM MONO BLOCK PUMP (OIL FREE)

Compact maintenance free, mini diaphragm pump to provide constant source of vacuum for filtration with pump to filter water/aqueous and viscous solution. The pump should be oil free and requires no lubrication.

Powder coated die cast aluminum body and pump head ; Neoprene diaphragm with Teflon cover. Internal pump head surface should be Teflon coated and leaf valves should of high grade stainless steel.

Power Source : 1/3 HP

Vacuum : 585 mm/23"mm (at mean sea level)

Pressure : 4 bar/58 psi

Connections : 3 pronged (grounded) Cord & Plug
: 1/8" BSP inlet and outlet hose connectors.

FILTRATION UNIT

Fitting out let	:	Holder outlet stopper fits standard 1 Lit filtering flask with tubings
Filter diameter	:	47 mm
Prefilter Diamter	:	47 mm (membrane filter)
Fitting Inlet	:	Funnel stinlesssteel(S.S)
Seal material	:	Silicone
Filtration Area	:	13.8 cm ² (Aprox.)
funnel Stainless steel(S.S)	:	Funnel cover receiver flask and cover,.
Funnel Capacity	:	250ml

22 SPECIFICATION FOR PH METER DIGITAL

Power Source : 220V-240V & 50Hz

Microprocessor based single electrode pH meter with built in function for buffer temperature coefficients adjust for buffer temperature change in calibration buffer value. Arrangement for LCD display of pH mv and temperature.

PH range	: 0 to 14
Milivolt Range	: 0 to +1999 MV
Accuracy	: For PH ± 0.01 pH ± 1 digit For mv ± 2 mv ± 1 digit
Temp. Compensation	: Automatic
Zero drift	: ± 2 digit for 8 hours
Display	: LCD display

23 SPECIFICATIONS FOR DIGITAL MOISTURE METER:

Capacity	: 100 g
Readability	: 0.01%/1 mg
Precision of readout of moisture Display	: 0.01% VFD ((Vacuum Fluorescent display).
Range of Temperature	: 50 ⁰ -200 ⁰ C (Interval it)
Pan Size (mm)	: 90 mm Ø
Testing Mode	: Auto/Timing/Manual
Content of Display	: % Moisture, Time, Temperature, Weight
Tare Range	: FULL
Operating Temperature	: 10 ⁰ C to 40 ⁰ C
Time Setting	: 1-120 min interval : 1 min
Heating Source	: Halogen Lamp
Menu Language	: English
Data Output	: Two-side RS 232

Power Supply	:	AC Adapter 220V or 50-60 ZH
Moisture Range	:	1% TO 99%

FEATURES:

- Easy to read VFD Display (Vacuum Fluorescent display).
- Based on E.M.F.C. Technology.
- Halogen Heating Systems.
- Temperature Range upto 200⁰ C
- Optional Standard RS 232 C interface.
- The mode for testing Automatic, Timing, Manual.

24 MUFFEL FURNACE

Insulation : high density ceramic fibre insulation. Hard abrasion resistant chamber designed to support heavy loads.

Precision PID Control :- A microprocessor based PID digital temperature indicator cum controller for higher temperature accuracy.

Stable high temperature :- available in three different working range with temperature range upto 1000°C;

Safety feature :-

- overload cut – off provided as a standard feature
- triple walled unit for better thermal safety.

Construction and feature :-

- outer and intermittent walls are made of thick P.C.R.C. sheet, duly powder coated.
- Heating elements are made of KANTHAL “A-1” grade Wire.
- Very suitable for various purposes like gravimetric analysis for organic substance and measurement of quantity for coal and lime
- With the distinguished automatic digital P.I.D. controller, it provides precise control of temperature.
- Company Should be ISO certified and C.E. marked
- By the highly efficient heater installed in the chamber, it heats the materials uniformly.
- With this excellent feature it surely reduces time of temperature climb.
- By using the high density ceramic wool as a insulator. it maintains consistent temperature and minimal heat dissipation.

Type natural heat distribution type.

Temp. Range working range 1000°C .

Accuracy ±1°C

Temperature Controller (SAD) microprocessor based PID digital temperature controller with LED display with built in digital timer. Once switched On starts heating automatically and once the set desired value is achieved the in built automatic digital minute timer starts automatically. Once

this set time period is over the heater are switched OFF automatically and the unit sounds a BUZZER, thus alerting the user that process is complete.

Thermocouple k – Type (cr-al)

Timer Range (in-Built) 4 digit, 9999 minutes

Heating elements Kanthal “A1” grade.

Insulation High density ceramic Fibre.

Supply voltage 220/230 V, or 400/440 V Ac supply.

Internal work zone dimension (WxHxD) 8x8x12 inch

Working temperature 1000°C

Power consumption 2.5kw

25 Automatic Protein analyser / Nitrogen Determination Apparatus

Company should be Certified

A. Nitrogen Digestion System : Microprocessor Based Twelve Place PC Compatible Auto sequencing Macro Aluminium Block Digestion System (250 ml capacity) with Viton fume hose for diacid and triacid digestion , AAS applications, Superior digital temperature controller with 16 intelligent memory steps in sequence of integrated time/temperature ramps with 2 programs of 8 intelligent memory ramps, Dual cooling system with all other essential & additional accessories, Intelligent auto start and stop mechanism, Superior multi controlled software to control 6 digestion systems in series.

B. Fully Automatic Four stage Acid neutralizer Scrubber with microprocessor based digital display of time: (Water saving device) - Four stage acid Neutraliser – Stage:1 - Fume trap condensation, Stage:2 - Neutralization in water, Stage: 3 - Neutralization in Alkali, Stage:4 - Additional neutralization in water . FRP Tank capacity – 10 lit. Anti corrosive centrifugal suction pump for water recirculation, Inbuilt self priming pump, Micro brilliant auto waste disposal system with auto refilling feather touch membrane keys of operation.

C. Distillation System : Microprocessor Fully Automatic PC Compatible Distillation System with auto sequencing,100 memory programmes of various steps like steam addition, dilution, KMNO₄, boric acid addition, alkali addition, delay time features with auto

intelligent residue waste drains, Fully Automatic water level monitoring with centrifugal refilling pump & Peristaltic pump for reagents addition, auto steam power adjustment with microbrilliant distillate control, intelligent auto start and stop mechanism, with built in safety features like auto door open, auto tube insert error, auto deactivation of system on error, auto water saving mechanism, auto reagent level sensor and monitoring device with auto titrator connectivity feature, LCD display, suitable power, SS steam generator, Standard operating software features.

D. Digital Burette Titration System: Compact Titration System with Digital Display Incorporates on/off and pause buttons, Incorporates PC Interface, Easy grip hand wheel action and smooth precision gears for fast or drop wise titration make handling extremely simple and reliable. Accurate 2nd decimal digital display at equivalence point. Volume ml - 50ml, subdivision ml - 0.01, Accuracy - + 0.2 %. PTFE Piston, Titration recirculating valve, telescoping filling tube with Inspection Window. Conformity certified with electronic volume display. Special Amber Colour Cap for Sensitive Solution. Horizontal & Vertical adjustment of Titration Tube with Integrated Discharge valve. Auto switch off feature on longer periods of inactivity and built in timer for Auto Power off Programming. Manual in two sets

26 Specification for Pipetting AID.

- 1) The is a lightweight cordless rechargeable pipetting aid which can be used with all plastic or glass pipettes between 1-100 ml and also with 5 ml and 10 ml pipettor tips. Rechargeable Batteries of AA, 3x 1.2 V, 270 mAh, NiCd.
- 2) The linear speed control allows the aspiration and dispensing speed to be adjusted easily and precisely to suit either large, or small volume pipettes. The speed can also be fine-tuned by applying varying finger pressure to the operating buttons.
- 3) Has a silicone attachment which ensures a better grip for even wet pipettes.
- 4) GLP & c-GMP Compliant. Is CE & IVD Certified.
- 5) Has a low battery indicator.
- 6) Has smooth setting of pumping efficiency, is provided with speed control knob which controls the speed of aspiration & dispensing.
- 7) Hydrophobic Filter & Adapters are autoclavable
- 8) Should have a convenient fold-out bench stand which supports the unit.

27 Quartz Water Double Distillation Apparatus

All glass Double distillation unit with Quartz boiler & Quartz Condenser & Quartz Heater to produce distilled water.

Horizontal Type

Distil water Output Capacity (Approx.)

: 1 lit per hour

Automatic Cut off Device for long life of Distillation Unit.

Water Softener which works on Ion exchange principle and it should prevent accumulation of sludge. It can be regenerated : One no.

28 FLASH POINT APPARATUS(Penskye mortar apparatus)

This apparatus is suitable for determining the close cup flash point of food items It is suitable for oils whose flashes above 250°C. It is supplied with oil cup, cover fitted with stirrer, thermometer socket S.S. water bath, stand. An electric heater is fitted at bottom for operation on 220 volts AC circuits.

Able flash point apparatus temp. range 0°C to 300°C least count 1°C IP-170 with oil test jet system with digital temp. indicator and FHP motor stirrer

29 SEROLOGICAL WATER BATH:(ISI Mark)

Water bath with double walled (outer chamber made of mild steel with finished powder coated paint& inner chamber made of stainless steel 304) gap between the walls with glass wool.

FEATURE

drain plug

pyramid shape cover.

Digital Display temperature indicator cum controller. least count 0.1° C

Size (Inner Chamber): 330mm x 300 x 150mm four racks 1.5 kw

30 TEST SIEVES :-

Fine series of various standard such as BSS/ASTM/ISI/Micron/mm in 8" dia COARSE .
Company Should be ISO,CE ,GMP and NSIC certified.

Made of perforated steel plate with square holes, available in following
apparatus.,4mm,3mm,2.36mm,1.70mm,1.0mm in brass frame of 8" dia.

31 SHAKER FOR TEST TUBE ,BEAKER ETC

- Three dimensional combination for rocking and orbital motion.
- Used for staining and distaining gels, blotting techniques and mixing of lab sample.
- Non slip platform is continuously adjustable from horizontal to a steep angle.
- Low foaming agitation and uniform mixing at slow speed.
- Speed adjustable from 0-60 RPM
- Maximum permissible load is 2kg .

32. U.V.VISIBLE DOUBLE BEAM Spectrophotometer Specifications

Wave length range	190 to 1100 nm.
Wavelength display	0.1 nm increments
Wavelength setting	0.1 nm,0.2nm,0.5nm,1nm,2.5nm increments (1nm increments when setting scanning range)
Wavelength accuracy	± 0.1nm at D2 peak 656.1 nm,
Wavelength repeatability	± 0.1 nm
Wavelength scanning speed	3,000 to 2 nm/min
Lamp interchange wavelength	Automatic interchange linked to wavelength. The interchange wavelength can be set freely in the range of 295 to 364 nm (0.1nm increments).
Stray light	Less than 0.02% at 220 nm (NaI) Less than 0.02% at 340 nm (NaNO ₂) Less than 1.0% at 198 nm (KCl)
Photometric system	Double beam optics
Photometric range	Absorbance: -4 to 4 Abs Transmittance: 0% to 400%
Photometric accuracy	± 0.002 Abs at 0.5 Abs ± 0.004 Abs at 1.0 Abs ± 0.006 Abs at 2.0 Abs (measured using NIST930D/NIST1930 or equivalent.)
Baseline stability	Less than 0.0003 Abs/Hr (700 nm, one hour after light source turned ON
Baseline flatness	Less than ± 0.0006 Abs (1,100 to 190 nm, one hour after light source turned ON
Noise level	Less than 0.00005 Abs (700 nm)
Light source	20-W halogen lamp and deuterium lamp Built-in light source and position adjustment
Cell holder	10 and 50 mm.
Match Pair	Quartz cuvettes 10 mm and 50 mm
No. Cell Holder	For 10 mm four in numbers and one reference and 50 mm two in numbers
Power requirements	AC100, 120,220,230,240 V, 50/60 Hz, 140 VA
Environmental requirements	Temperature: 15°C to 35° C Humidity:30% to 80% (without condensation; 70% max. at 300C or higher)
PC compatibility	Provided with External control possible via USB 5 port minimum

Micro computer / Microprocessor controlled with power full built in software and large LCD screen computer and a printer to show photometric and spectra data in the PC monitor with UPS. For 30 minutes backup.The instrument is used in food lab.with complete manual in two sets other Standard accessory with guarantee compliance, building validation program, diagnostic and security function , installation free at site & training for one week. 3 year gaurntee and after gaurntee(five years) 5 years AMC . During gaurntee period visit of engineer once in 3 months.

33 Centrifuge Machine Table Top

Power Source: 220V -240V/ 50Hz

Angle Heads

Capacity : 12 test tube of 15 ml

Max. Speed : 5000 rpm (Approx.)

Digital RPM indicator

Step-less speed regulator

Digital Timer

Imbalance detector with cut off

Safety lid interlock to prevent cover opening during centrifugation.

Digital Speed meter and 0 to 60 minute digital countdown timer

Dynamic brake for quick deceleration.

34 VACCUM OVEN WITH VACCUM PUMP(oil free)

VACCUM OVEN

Temperature range : 50 °C to 130 °C

The outer case is mild steel having powder coated white paint. The vacuum chamber is robust stainless steel inside supplied with two stainless steel Shelves . Outer surface and insulated with super fine mineral wool. The chamber is closed by thick toughened glass plate sealing into a neoprene rubber gasket

Vacuum Controls: Two diaphragm valve and a vacuum gauge are provided the value which are intended for vacuum connection. Oven temperature is controlled by a hydraulic thermostat in the range 50 °C to 130 °C \pm 1 °C. An indicator lamp shows the operation of the heater, Electronic digital temp. controller cum Indicator least count 0.1⁰C

inside chamber (Stainless steel)

Size 250X250X250MM

35 WATER BATH RECTANGULAR DOUBLE WALLED

Power source :- 220 V-240 V & 50 Hz

Double walled made of Milled Stainless steel with stainless steel chamber. Outer body powder coated . Top have holes with concentric rings. Temperature range upto water boiling point accuracy \pm 0. 1°C with thermo stability control fitted with neon lamp indicator. Digital Controller cum Indicator.

MAXIMUM TEMPERATURE 120⁰C

Size : 405 x 300 x 100 mm (12 Holes of 75mm diameter)

36 SPECIFICATION FOR ELECTRONIC BALANCE DIGITAL

Capacity	:	200 gm
Readability	:	1 g
Repeatability	:	1 g
Response Time	:	4 – 5 sec
Calibration	:	Automatic Internal
Tare Range	:	Full
Operating Temperature	:	15° C to 35° C
Power Supply	:	AC Adaptor 220V or 50-60 ZH

FEATURES:

Fully Automatic Internal Calibration with built in weight.
A built in under hook for below weighing.
Easy to read VFD (Vacuum Fluorescent display) Display.
Density measurement for solid and liquid.
Standard RS 232C Interface
High Resolution, Quick Weighing, Accurate Result
Based on E.M.F.C Technology
S.S. Weighing Pan, Level Indicator, Adjustable fit,
Tare Range upto max. Capacity of the balance.
Conforms to ISO 9001 standards.
Certified by weight and measure department

37 DIGITAL TURBIDITY METER

RANGE	-	0 – 100 NTU IN TWO RANGES 0 -20 AND 0 -50
RANGE SWITCH	-	LONG LIFE PUSH BUTTON
RESOLUTION	-	0.1 NTU
LIGHT SOURCE	-	BLUE LIGHT LONG LIFE LED.
ACCURACY	-	$\pm 3\%$ F.S. ± 1 DIGIT
SAMPLE SYSTEM	-	30 MM CLEAR GLASS TUBE.
DETECTOR	-	SILICON PHOTO DIODE
POWER	-	$230 \pm 10\%$, 50 Hz. AC
ACCESSORIES	-	TEST TUBE SET , OPERATION MANUAL , DUST COVER

38 MAGNETIC STIRRERS WITH HOT PLATE

Magnetic stirrers with hot plate are specially designed for the laboratory requirement of simultaneous heating and uniform stirring. These apparatus have the same feature of magnetic stirrer and in additions has one more top hot plate. The steeples speed controller controls the speed and the energy regulator controls the heating at any desired percentage of heating capacity
Company Should be ISO certified and C.E, marked.

Max Speed.	1800	
Stirring capacity	2lit	
Heating capacity	300MAX.Stirring paddle $\varnothing \times L$	9x35mm

39 Four (4) KVA UPS- certified and marked C.E.

40 Soxlet Heater Assembly of six Mental:- Certified and C.E. marked

Energy Regulator control, MS construction, Painted powder coated paint

41 SPECIFICATION FOR HOT AIR OVEN ISI MARK

(WITH DOUBLE WALLED)

Construction : ISI marked with IS No. 3119. Inner chamber is made of highly polished stainless steel. Outer chamber is made of mild of steel sheet. Gap between the walls is filled with special grade glass wool for proper insulation and to avoid heat losses. Inner chamber is fabricated with ribs to adjust shelves to any convenient height 2 or 3 removable shelves. Shelves are made of polished SS Sheet. With air circulating fan as standard feature.

Heating Elements : Heating elements are made of high grade imported Nichrome wire.

Temperature Controls : Temperature 50 ° C to 250° C. with accuracy 0.1°C.

Control Panel : Provided with a knob of ON/OFF Switch

Microprocessor based PID Digital Display Temp. Controller cum Indicator. Least count 0.1°C.

Size of Inner Chamber :- W X H X D No. of Shelves.

(i) 605 X 605 X 605 mm 3 Big

(ii) 455 X 455 X 455 mm 2 Small

42. Specifications for Bomb Calorimeter

1. The calorimeter should be current version of a plain, static jacket, oxygen bomb calorimeter.
2. The calorific value of any solid or liquid material that can be burned safely in an oxygen bomb.
3. It should have good repeatability.
4. Oxygen filling should be manual.
5. The temperature resolution must be 0.001°C.
6. The maximum sample size should be 8000 cal/gram.
7. Bomb and bucket type should be removable.
8. Tests per hour should be 2.
9. Imported Instrument with Indian agent and at least 10 Installation in India.
10. Combustion Vessels (Bomb) should have test certificate.
11. Oxygen bomb: The oxygen combustion bomb should make with special stabilized stainless steel to resist the mixed nitric acid and sulphuric acid produced in combustion. It should have 342 ml capacity with standing a hydrostatic pressure of 3000 -- PSI max and working pressure of 1500 PSI.

Calorimeter should come along with the below standard accessories:

- Plain Oxygen Bomb Calorimeter
- Oxygen Bomb
- Digital Thermometer battery operated.
- Oxygen filling connection without thread.
- Six fuel capsules
- Fuse wire for 1500 tests
- Support stand for the bomb head and calorimeter cover
- Benzoic acid pellets (pk/100)

- Ignition Unit
- Operating instructions.

43 SPECIFICATION FOR ELECTRONIC BALANCE DIGITAL (2 DIGIT) With Printer

Capacity	:	200 gm
Readability	:	0.01 mg
Repeatability	:	0.01 mg
Linearity \pm	:	0.2 mg
Response Time	:	4 – 5 sec
Calibration	:	Automatic Internal
Tare Range	:	Full
Operating Temperature	:	15° C to 35° C
Power Supply	:	AC Adaptor 220V or 50-60 ZH

FEATURES:

Fully Automatic Internal Calibration with built in weight.
 A built in under hook for below weighing.
 Easy to read VFD (Vacuum Fluorescent display) Display.
 Density measurement for solid and liquid.
 Standard RS 232C Interface
 High Resolution, Quick Weighing, Accurate Result
 Based on E.M.F.C Technology
 S.S. Weighing Pan, Level Indicator, Adjustable fit,
 Tare Range upto max. Capacity of the balance.
 Conforms to ISO 9001 standards.
 Certified by weight and measure department

44 Crude Fibre Automatic Estimation System Certified for food items

Number of Samples : Six, Sample Size : 0.1 to 4 gms, Application: System for determination of Crude fibre, NDF, ADF, ADL, Cellulose, Hemicelluloses, Lignin & related parameters in plant materials compound feed, food etc. Fibre Determination in accordance with weende, van Soest and other recognized methods, Heater Source: Ceramic Infrared Heater. Extractor : Marked Borosilicate Extraction Vessle (8 Nos.), Individual high temperature resistant adoptor for intact leak proof seal, Independent sample loading with individual mechanical controls. Facility of direct Reagent addition. Sintered Silica glass Crucible with P1 Porosity disc (8 Nos.), Number of Crucibles per crucibles – 15, Pressure Pump: Electrically operated air pump for declogging, Control Valve: Individual control valves for vacuum, reverse air stream & reagent addition,
 Temperature Controller: Microprocessor based Digital temperature controller,
 Temperature Accuracy + 1°C. Temperature Range: Ambient to 500° C (Continuously

variable), Fibrastat preheating hot plate: Casted Aluminium Alloy Heater with thermostatic control, Reagent Addition: Direct to Extractor from top. Fibra Flow System with self priming pump connected to giant water suction filter pump. Heater Power : 3000 W. Safety Features: Auto over temperature protection, auto Sensor break protection, Auto Error Indication, etc. ISO 9001:2008 Certified Additional 5 sets crucibles, Electrical Requirement: 220v/50Hz. AC

45 AUTOMATIC PIPETTE WASHER WITH DRYER:-

- Recommended for serological, bacteriological or clinical laboratories.
- It operates on siphoning principal through continues flow of water.
- Consists of stainless steel washing cylinder removable pipette holder to accommodate pipettes up to 375 mm. in length.
- Consists of stainless steel washing cylinder and a removable pipette holder for easy cleaning.
- Complete body and holder made of stainless steel.

46 Micropipette Specifications

- Pipettes should be **fully autoclavable** without disassembling & should be **UV-Resistant**. And Good chemical .
- Piston is made up of PTFE, with strong chemical resistance.
- Separate tip ejector is provided.
- Has four digit volume display with small step less volume increment.
- All Pipette will be manufactured in accordance with **ISO 13485/9001/14001** quality & Environmental standards.
- Pipette should be certified with **ISO 8655 , ISO 17025, CE & IVD.**
- Three year warranty should be given on Pipettes
- **Pipette should supply with volume range 0.5-10 ul ,10-100ul and 100-1000ul. With 100 tips with each**
- Pipettes are compatible with universal tips.
- Has facility for calibration which meets **ISO 8655,DIN 12650,ISO-9000,ISO-17025 & GMP Requirements.**
- On-Site Calibration support will be provided.
- Robust design, high performance materials used.
- Thermal insulation of internal components ensures that warmth of hand does not affect the pipetting results.

47 AUTOMATIC LOOP STERILIZER 110 V AC (with LPG connector for gas burner)

A laboratory convenience for loop sterilization, leading to speed, accuracy and reliability of result. Supply voltage : 110V AC, 60Hz .

48 HOT PLATE ROUND :-

Heating plate size	20cm
Rating	1.5kw
Heating plate	single plate
Moc body	thick P.C.R.C. sheet duly powder coated

Moc top platform	round cast iron heating plate
Heating elements	placed underneath for uniform heating duly insulated
Temperature controller	rotary energy regulator
Temperature range	continues heating upto 350°C
Electric supply	220/230V AC 50/60Hz
Company Should be ISO certified and C.E. marked.	

49 GC Column

Stationery Phase DB-5, 30mx0.25mm x 0.25um Temperature range -60°C- 325°C. or equivalent

Stationery Phase DB-1701, 30mx0. 25mm x 0.25um Temperature range -20°C- 280°C. or equivalent

50 DEEP FREEZER -20°c (VERTICAL TYPE) :-

Single door solid state thermostat blind temperature controller, temperature display on the panel. Provided with combination of fixed and pull out drawers, no dust low noise. Puff insulated, CFC free heavy duty compressor, 2 nos. wheels on rear side, provided with 8 shelves. Fast freeze button and lamp. Mains warning lamp. Capacity 300 lit approx.

51 Refrigerator 310 litre :- Certified company C.E. marked double door.

52 Hollow Cathode Lamps

Hollow cathode lamps of Iron, Calcium, Zinc and Lead for AAS 4129 of E.C.L

डॉ. बी.आर. मीणा	श्री अवधेश कुमार सक्सेना	श्री पंकज कुमार	श्री ए.के. माथुर	श्री वसुउद्दीन कासी
अति.निदेशक (ग्रा.स्वा.) इंजीनियर	जन विश्लेषक, जोधपुर	जन विश्लेषक, अजमेर	जन विश्लेषक, जयपुर	बायोमेडिकल

Schedule-A

Govt of Rajasthan
Details of Instruments/Earnest Money, Destination Venue & Delivery Period
Laboratory Equipments for LAB

S. No.	Name of the Equipments	Jaipur	Ajmer	Udaipur	Jodhpur	Kota	Alwar	Total Unit	Total Cost	Ernest money	Delivery Period (Days)
1	Air Curtain	3	1	1	1	1	1	8	120000	2400	10
2	Auto Clave Vertical			1		1	1	3	138000	2760	10
3	Automatic Dispenser, Assorted volume	3	1				1	5	100000	2000	10
4	B.O.D. Incubator	1	1	1		1	1	5	400000	8000	10
5	Binocular Microscope	1	1	1		1	1	5	200000	4000	10
6	Cloud Point Apparatus	2				1	1	4	32000	640	10
7	Digital Burette	3	1			1		5	300000	6000	10
8	Digital Refractometer	1	1	1	1	1	1	6	3600000	72000	30
9	Digital TDS Meter	1	1	1		1	1	5	115000	2300	10
10	Electric Agate Pestle Mortar	1				1		2	40000	800	10
11	Electronic Balance digital (4 Digit)0.1 mg, 200 gm					2	1	3	210000	4200	10
12	Electronic Quab Colony Counter Digital		1	1			1	3	19200	384	10
13	Flask Shaker (Wrist Action)	1		1	1	1	1	5	50000	1000	10
14	H.P.L.C.		1	1				2	3000000	60000	30
15	Incubator	2	1	1		2	1	7	350000	7000	10
16	Kjeldhal Digestion Unit					1	1	2	90000	1800	10
17	Laboratory Blender Mixer	2	1			1	1	5	17500	350	10
18	Laminar Flow Cabinete			1		1	1	3	210000	4200	10
19	Lovibond Tintometer				1	1		2	500000	10000	15

Laboratory Equipments for LAB

S. No.	Name of the Equipments	Jaipur	Ajmer	Udaipur	Jodhpur	Kota	Alwar	Total Unit	Total Cost	Ernest money	Delivery Period (Days)
20	Melting Point Apparatus Digital				1	1	1	3	90000	1800	10
21	Membrane Filtration Appartus (S.S) With Vaccum pump		1	1		1		3	90000	1800	10
22	Microprocessor Based pH Meter	1	1	1			1	4	64000	1280	10
23	Moisture Meter Fully Automatic					1	1	2	200000	4000	10
24	Muffel Furnance 8x8x12 inch	2	1			1	1	5	200000	4000	10
25	Nitrogen /Protein Analyser Automatic Determination Apparatus	1	1	1		1	1	5	3000000	60000	30
26	Pipetting AID	1			1	1		3	90000	1800	10
27	Quartz Water double Distillation unit		1	1		1	1	4	128000	2560	10
28	Semi Automatic Flash Point Apparatus with Electronic Temperature control	1	1			1	1	4	200000	4000	10
29	Serological Water Bath		1	1		1	1	4	48000	960	10
30	Set of the Test Seives I.S.I marked	1	1	1		1	1	5	7500	150	10
31	Shaker (Test Tube, Flask & Beakers)		1	1		1	1	4	32000	640	10
32	U.V. Spectrophotometer		1	1		1	1	4	2000000	40000	30
33	Table Top Centrifuge Machine	1	1	1			1	4	44000	880	10
34	Vaccum Oven with Vaccum Pump		1	1		1	1	4	120000	2400	10
35	Water Bath 12 hole Thermostate	2	1			1	1	5	35000	700	10
36	Electronic Balance Digital 1 gm up to 200 gm					1		1	10000	200	10
37	Turbidity Meter /Nephelometer		1	1		1	1	4	200000	4000	10
38	Magnetic Stirrer	2	1	1		1	1	6	18000	360	10

Laboratory Equipments for LAB

S. No.	Name of the Equipments	Jaipur	Ajmer	Udaipur	Jodhpur	Kota	Alwar	Total Unit	Total Cost	Ernest money	Delivery Period (Days)
39	UPS for HPLC 4 KVA			1				1	100000	2000	10
40	Soxlet Heater Assembly of six mental					1		1	7000	140	10
41	Digital Oven (1+1) Big, Small	4	1			2		7	210000	4200	10
42	Bomb Calorimeter	1	1	1			1	4	240000	4800	10
43	Digital Balalnce 0.01 GM , 200 GM	1	1			1		3	45000	900	10
44	Crude Fiber Apparatus	1				1		2	900000	18000	15
45	Pipette Dryer and washer	1	1	1	1		1	5	57500	1150	10
46	Micro Pipette set	1						1	14001	280.02	10
47	Loop Sterilizer	1						1	14000	280	10
48	Hot plate	2	1			1		4	8000	160	10
49	G.C. Column	2						2	80000	1600	10
50	Deep Freezer	2						2	120000	2400	10
51	Refrigerator	2						2	44000	880	10
52	Hollow Cathod Lamp	4						4	32000	640	10
53	Meting Point Appartus Fully Automatic				1			1	250000	5000	10
54	H.P.L.C. grade Water Purifier		1	1				2	400000	8000	10
55	A.C. 0.5 Ton with air filter module for micro biological room	1	1	1		1	1	5	150000	3000	10
Grand Total									18739701	374794.02	

General Instruction for Tender

Before submission of bid or filling up the tender form, kindly go through these following directions & conditions seriously so that your tender is not considered invalid:

1. Go through the conditions of the document carefully and meticulously.
2. Certificates/License/ Documents which are required should be complete and updated.
3. Tender forms can be obtained from C.D.Store (Room No. 319) Directorate of Medical & Health services, Rajasthan, Jaipur after depositing Non- refundable amount of Rs. 100/- (Rs. One Hundred only) in cash or demand draft on any working day during office hours. Bidding documents requested by mail will be dispatched by registered/ Speed post on payment of an extra amount of Rs.100/- (Rs. One hundred only). The Department will not be held responsible for the post delay, if any in the delivery of documents or non- receipt of the same. Tender forms can also be downloaded from govt. of Rajasthan. Public relations Department's Website- www.dipronline.org or Cost of downloaded tender forms the website shall be deposited by the tenderer through DD of Rs.100/- along with tender.
4. Tender form must be sent separately (item wise) along with tender fees & earnest money in separate envelope for each item.
5. D.D./B.C of tender forms fees & earnest money should be sent separately along with tender.
6. Manufacturers/Importers (Applications) will be issued the tender forms on Production of attested (by notary public) copy of the valid Manufacturing license/ import License along with Authorization letter of foreign Principal and latest annual turnover statement is more than Rs. 1.00 crore(For SSI units of Rajasthan more than Rs. 20 lacs) duly Audited by Chartered Accountants & Notary Public failing to which tender form will not be issued.
7. Tender form must be submitted in properly sealed double cover envelopes (Cover-A for Technical Bid & Cover- B for Financial Bid) both Cover A & B must be sealed in an envelopes as per terms & conditions and addressed to the Director, Medical & Health, Directorate of Medical & Health Services Rajasthan, Jaipur.
8. The Tender received after prescribed time and date will not be considered

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6. Manufacturers/Importers (Applications) will be issued the tender forms on Production of attested (by notary public) copy of the valid Manufacturing license/ import License along with Authorization letter of foreign Principal and latest annual turnover statement is more than Rs. 1.00 crore(For SSI units of Rajasthan more than Rs. 20 lacs) duly Audited by Chartered Accountants & Notary Public failing to which tender form will not be issued.
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8. The Tender received after prescribed time and date will not be considered

GOVERNMENT OF RAJASTHAN

CONDITIONS OF TENDER AND CONTRACT FOR OPEN TENDER

Note: Tenderer should read these conditions carefully and comply strictly while sending their tenders.

1. Tenders must be enclosed in a properly sealed envelope according to the directions given in the tender notice.
2. Sealed tender will be received till 1.30 PM on 05.02.2011 by the Store officer, C.D. STORE, Directorate of Medical & Health Services, Rajasthan, Jaipur room No. 319.
3. Tenders by Bona- fide dealers”:- Tenders shall be given only by bona- fide Manufacturer Direct Importers holding valid Import/ Manufacturing license for manufacturing of quoted equipment, whose annual turn over is more then Rs. 1.00 crore (for SSI units of Rajasthan more than 20 lacs) are eligible to participates in the tender.
4. (i). Any charge in the constitution of the firm, etc., shall be notified forth with by the contractor in writing to the purchase officer and such change shall not relieve any former member of the firm, etc., from any liability under the contract.

(ii) No new partner/ partners shall be accepted in the firm by the contractor in respect of the contract unless he/ they agree to avoid by all its terms, conditions and deposit with the purchase officer a written agreement to this effect. The contractors receipt for acknowledgement or that of any partners subsequently accepted as above shall bind all of them and will be sufficient discharge for any of the purpose of the contract.
5. Sales Tax/VAT Registration and Clearance Certificate:- Dealer who is not registered under the Sales Tax VAT Act prevalent in the State where his business is located shall not tender. The Sales Tax /VAT Registration Number should be quoted and tax clearance certificate from the Commercial Taxes Officer of the Circle concerned shall be submitted without which the tender is liable to rejection.
6. Tender forms shall be filled in ink or typed. No tender filled in pencil shall be considered. The tenderer shall sign the tender form at each page and at the end in token of acceptance of all the terms and conditions of the tender.
7. Rate shall be written both in words and figures. There should not be errors and/ or over- writings. Corrections if any should be made clearly and initialed with dates. The rates should mention element of the Rajasthan State Sales Tax and Central, Sales Tax separately.
8. (i) All rates will be firmed and fix. The rates quoted must be FOR delivery at consignee stores any where in Rajasthan, including packing , forwarded, loading, transportation, insurance, unloading, stacking, and all incidental charges, octroi and taxes except VAT/CST. The delivery of the goods shall be given at the premises of purchase officer.

(ii) The supply shall be made at C.D. Store of this Directorate. After inspection and stock entries etc. the same will be transported by the deptt. by its own transportation arrangements to the store as mentioned in schedule A Transportation charges from C.D. Store to stores mentioned in schedule A will be deducted from the invoices of the supplies
9. (i) Comparison of Rates:- In comparing the rates. Tendered by firms outside Rajasthan and those in Rajasthan but not entitled to Price Preference under the Rules, the element of Rajasthan Sales Tax/ VAT shall be excluded whereas that of Central Sales Tax/ VAT shall be included.

(ii) While comparing the rates in respect of firms within Rajasthan, the element of Rajasthan Sales Tax shall be included.

10. Validity: - Tenders shall be valid for a period of three months from the date of opening of Financial Bid.
11. The approved supplier shall be deemed to have carefully examined the conditions specifications (Size, make and drawings, etc., of the goods to be supplied. If he has any doubts as to the meaning of any portion of these conditions or of the specification, drawing, etc., he shall, before signing the contract, refer the same to the Purchase officer and get clarifications.
12. The contractor shall not assign or sub- let his contract or any substantial part thereof to any other agency
13. Specifications:- (i) All article supplied shall strictly conform to the specifications, trade mark laid down in the tender form and wherever articles have been required according to ISI specifications, those articles should conform strictly to those specifications and should bear such marks.

(ii) The supply of articles marked with catalogue no/ serial number..... Shall in addition, conform strictly to the approved. Samples and in case of other material where there are no standard or approved samples, the supplier shall be of the very best quality and description, the decision of the purchase Officer/ Purchase Committee whether the articles supplied conform to the specifications and are in accordance with the samples, if any samples, if any, shall be final and binding on the tendereers.

(iii) Guarantee clause:-

The tenderer would give guarantee that the goods /stores/ articles would continue to conform to the description and quality as specified for a period of 24 months from the date of installation/ delivery of the said goods/stores/ articles to be purchased and that notwithstanding the fact that the purchaser may have inspected and / or approved the said goods/ stores / articles, if during the aforesaid period of 24 months , the said goods/ stores/articles be discovered not to confirm to the description and quality aforesaid or have determined (and the decision of the purchase Officer in that behalf will be final and conclusive), the purchaser will be entitled to reject the said goods/ stores/articles or such protion thereof as may be discovered not to confirm to the said description and quality, on such rejection the goods, articles/ stores will be at the sellers risk and all the, provisions relating to rejection of goods, etc.. shall apply. The tenderer shall if so called upon to do , replace the goods, etc., or such portion thereof as is rejection by the purchase officer , otherwise the tenderer shall pay such damage as may arise by reason of the breach of the condition herein contained. Nothing herein contained shall prejudice any other right of the purchase officer in that behalf under this contract or otherwise.

(iv) In case of machinery and equipment also, guarantee will be giver as mentioned in clause (iii) above and the tenderer shall during the guarantee period replace the parts if any and remove any manufacturing defect if found during the above period so as to make machinery and equipments operative. The tender shall also replace machinery and equipments in case it is found defective which cannot be put to operation due to manufacturing defect, etc?

(v) In case of machinery and equipment specified by the purchase officer the tenderer shall be responsible for carrying out annual maintenance and repairs on the terms and conditions as may be agreed. The tenderer shall also be responsible to ensure adequate regular supply of spare parts needed for a specific type of machinery and equipments whether under their annual maintenance and repairs rate contract or otherwise. In case of change of model he will give sufficient notice to the Purchase Officer who may kke to purchase spare parts from then to maintain the machiner and equipments in perfect condition.

14. Inspection:- (a) The Purchase Officer or his duly authorized representative shall at all reasonable time have access to the suppliers premises and shall have the power at all reasonable time to inspect and

examine the materials and workmanship . of the goods/ equipments/ machineries during manufacturing process or afterwards as may be decided.

(b) The tender shall furnish complete address of the premises of his office, godown and workshop where inspection can be made together with name and address of the person who is to be contacted for the purpose. In case of those dealers who have newly entered in business a letter of introduction from their bankers will be necessary.

15. Supplies when received shall be subject to inspection to ensure whether they conform to the specification. Inspection will be conducted by a committee constituted by purchase officer. Where necessary or prescribed or practical, tests shall be carried out in Government laboratories, reputed testing house like Sri Ram testing house , New Delhi and the like and the supplies will be accepted only where the articles conform of the standard of prescribed specifications as a result of such test.
16. Testing charges: - Testing charges shall be borne by the Government. In case urgent testing is desired to be arranged by the tenderer or in case of test results showing that supplies are not up to the prescribed standards or specifications, the testing charges shall be payable by the tenderer.
17. Rejection: - (i) Articles not approved during inspection or testing shall be rejected and will have to be replaced by the tender at his own cost within the time fixed by the purchase officer.
18. The rejected articles shall be removed by the tenderer within 15 days of intimation of rejection after which purchase officer shall not be responsible for any loss, shortage or damage and shall have the right to dispose of such articles as he thinks fit, at the tenderer's risk and on his account.
19. The tenderer shall be responsible for the proper packing so as to avoid damage under normal conditions of transport by sea, rail and road or air and delivery of the material in good condition to the consignee at distribution in the event of any loss damage, breakage, or leakage or any shortage the tenderer shall be liable to make good such loss and shortage found at the checking/ inspection of the materials by the consignee. No extra cost" on such account shall be admissible.
20. The purchase officer can repudiated the contract for the supply, at any time if the supplies are not made to his satisfaction after giving an opportunity to the tenderer of being heard and recording of the reasons for repudiation.
21. Direct or indirect canvassing on the part of the tenderer or his representative will be a disqualification.
22. (i)Delivery period:- The tenderer whose tender is accepted shall arrange supplies within a period as mentioned in schedule 'A' from the date of issue of supply order / by as under:

S.No.	Items	Quantity	Delivery period
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(ii) Extent of quantity – Repeat orders:- If the orders are placed in excess of the quantities shown in the tender notice; the tenderer shall be bound to supply excess quantity limited up to 50% over and above the quantity mentioned in the tender. Repeat orders may also be placed on the rate and conditions given in the tender provided that the repeat orders are upto 50% of the quantity , originally purchased and the period is not more than one month from the date of expiry of last supply. If the tenderer fails to do so, the purchase officer shall be free to arrange for the balance supply by limited tender or otherwise and the extra cost incurred shall be recoverable from the tenderer.

(iii) if the purchase officer does not purchase any of the tendered articles or purchases less than the quantity indicated in the tender form, the tenderer shall not be entitled to claim any compensation.

23. Earnest Money:- (a) Tender shall be accompanied by an earnest money of Rs as per Schedule 'A' without which tenders will not be considered. The amount should be deposited in either of the following forms in favour of Director Medical & Health Services, Rajasthan Payable at Jaipur.
- (i) Cash through treasury challan deposited under head "8443 – Civil Deposits- 103 – security Deposits".
 - (ii) Bank Draft / Bankers Cheque of the scheduled Bank.
- (b) Refund of earnest money:- The earnest money of unsuccessful tenderer shall be refunded soon after final acceptance of tender.
- (c) Partial exemption from earnest money:- Firms which are registered with Director of Industries Rajasthan, shall furnish the amount of earnest money in respect of items for which they are registered as such subject to their furnishing registration certificate in original or Photostat copy or a copy thereof duly attested by any Gazetted Officer from the Director of Industries Rajasthan, at the rate of ½ % of the offered value of the tender shown in NIT.
- (d) The Central Government and Government of Rajasthan Undertaking need not furnish any amount of earnest money.
- (e) The earnest money/ security deposit lying with the Department / office in respect of other tenders awaiting approval or rejected or on account of contract 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.
- (f) Earnest money will be taken @ 1% of the value of tender from sick industries other than SSI, whose cases are pending with BIFR. The sick unit will have to furnish a certificate to this effect from BIFR.
24. Forfeiture of earnest money:- The earnest money will be forfeited in the following cases:
- (i) When tenderer withdraws or modifies the offer after opening of tender but before acceptance of tender.
 - (ii) When tenderer does not execute the agreement if any, prescribed within the specified time.
 - (iii) When the tenderer does not deposit the security money after the supply order is given.
 - (iv) When he fails to commence the supply of the items as per supply order within the time prescribed.
25. (1.) Agreement and Security deposit: - (i) Successful tenderer will have to execute an agreement in the form 17 within a period of 7 days of receipt of order and deposit security equal to 5 % of the Supply order value for which tenders are accepted within 15 days from the date of dispatch on which the acceptance of the tender is communicated to him.
- (ii) The earnest money deposited at the time of tender will be adjusted towards security amount. The Security amount shall in no case is less than earnest money.
- (iii) No interest will be paid by the department on the security money.
- (iv) The forms of security money shall be as below.
- (a) Cash /Bank Draft/Bankers Cheque /Receipted copy of challan.
 - (b) Post- office Savings Bank Pass Book duly pledged.

- (c) National Savings Certificate, Kisan Vikas Patras, or any other script/ instrument under National Saving Scheme for Promotion of small saving, if the same can be pledged, these certificates shall be accepted at surrender value.
- (v) The Security money shall be refunded within one month of the final supply of the items as per purchases order in case of one time purchase and two months in case delivery is staggered, after the expiry of contract on satisfactory completion of the same or after the expiry of the period of guarantee if any whichever is later and after satisfied there are no dues outstanding against the tender.
- (2.) (i) Firms registered with the Director of industries Rajasthan in respect of stores for which they are registered, subject to their furnishing the registration in original form the Director of industries or a Photostat copy or a copy thereof duly attested by any Gazetted officer, will be partially exempted from earnest money and shall pay security deposit at the rate of 1% of the estimated value of tender and 2% for the sick industries of the value of tender.
- (ii) Central Government and Government of Rajasthan undertakings will be exempted from furnishing security amount.
- (3.) Forfeiture of Security Deposit:- Security amount in full or part may be forfeited in the following cases:-
- (a) When any terms and conditions of the contract are breached.
- (b) When the tenderer fails to make complete supply satisfactorily.
- (c) Notice of reasonable time will be given in case of forfeiture of security deposit. The decision of the purchase officer in this regard shall be final.
26. The expenses of completing and stamping the agreement shall be paid by the tenderer and the department shall be furnished free of charge with one executed stamped counter part of the agreement.
27. (i) All goods must be sent freight paid through railways or goods transport. If goods are sent freight to pay, the freight together with departmental charge 5 % of the freight will be recovered from the supplier's bill.
- (ii) R.R. should be sent under registered cover through bank only.
- (iii) In case supply is desired to be sent by the purchase officer by passenger train, the entire railway freight will be borne by the Department.
- (iv) Remittance charges, on payment made shall be borne by the tenderer.
28. Insurance:- (i) The goods will be delivered at the destination godown in perfect condition. The supplier, if he so desires, may be insured the valuable goods against loss by theft, destruction or damage, by fire, flood, under exposure to whether or otherwise viz., (war rebellion, riot, etc.,) the insurance charges will be borne by the supplier and state will not be required to pay such charges, if incurred.
- (ii) The articles may also be got insured at the cost of the purchaser, if so desired by the purchaser. In such cases, the insurance should invariably be with life insurance corporation of India or its subsidiaries.
29. Payments:- (i) Advance payment will not be made except in rare and special cases. In case of advance payment being made, it will be against proof of dispatch and to the extent as prescribed in financial powers by rail/ reputed goods transport companies, etc., and prior inspection, if any The balance if any will be paid on receipt of the consignment in good condition with the certificate to that effect endorsed on the inspection not given to the tenderer.

- (ii) 80% payment will be made after satisfactory delivery in good condition at destination Stores and rest 20% payment will be made after satisfactory Installation and training of instrument.
- (iii) Unless otherwise agreed between the parties payment for the delivery of the stores will be made on submission of bill in proper form by the tenderer to the Purchase officer in accordance with GF&AR all remittance charges will be borne by the tenderer.
- (iv) In case of disputed item, 10 to 25% of the amount shall be with held and will be paid on settlement of the dispute.
- (v) Payment in case of those goods which need testing shall made only, when such test have been carried out, test results received confirming to the prescribed specification.
30. (i) The time specified for delivery in the tender form shall be deemed to be the essence of the contract and the successful tenderer shall arrange supplies within the period on receipt of the firm order form the Purchase Officer.
- (ii) Liquidated damages:- In case of extension in the delivery period with liquidated damages the recovery shall be made on the basis of following percentages of value of stores which the tenderer has failed to supply:-
- | | |
|--|------|
| (1) (a) delay upto one fourth period of the prescribed delivery period | 2.5% |
| (b) Delay exceeding one fourth but not exceeding half of the prescribed period | 5% |
| (c) Delay exceeding half but not exceeding three fourth of the prescribed period | 7.5% |
| (d) Delay exceeding three fourth of the prescribed period. | 10% |
- (2) Fraction of a day in reckoning period of delay in supplies shall be eliminated if it is less than half a day.
- (3) The maximum amount of liquidated damages shall be 10%
- (4) If the supplier requires an extension of time in completion of contractual supply on account of occurrence of any hindrance, he shall apply in writing to the authority, which has placed the supply order, for the same immediately on occurrence of the hindrance but not after the stipulated date of completion of supply.
- (5) Delivery period: may be extended with or without liquidated damages if the delay in the supply of goods is on account of hindrances beyond the control of the tenderer.
31. Recoveries:- Recoveries of liquidated damages, short supply, breakage, rejected articles shall ordinary be made from bills. Amount may also be with held to the extent of short supply, breakage, rejected and in case of failure in satisfactory replacement by the supplier along with amount of liquidated damages shall be recovered from his dues and, security deposit available with the department. In case recovery is not possible recourse will be taken under Rajasthan PDR Act or any other law in force.
32. Tenderers must make their own arrangements to obtain import license, if necessary.
33. If a tenderer imposes conditions, which are in addition to or in conflict with the conditions mentioned herein, his tenders is liable to summary rejection. In any case none of such conditions will be deemed to have been accepted unless specifically mentioned in the letter of acceptatnace of tender issued by the purchase officer.
34. The purchase Officer reserves the right to accept any tender not necessarily the lowest, reject any tender without assigning any reasons and accept tender for all or anyone or more of the articles for which tenderer has been given or distribute items of stores to more than one firm/supplier.
35. The tenderer shall furnish the following documents at the time of execution of agreement:-

- (i) Attested copy of partnership Deed in case of Partnership Firms.
- (ii) Registration Number and year of registration in Case partnership firm is registered with Registrar of Firms
- (iii) Address of residence and office. Telephone numbers in case of Sole Proprietorship.
- (iv) Registration issued by Registrar of Companies in case of Company.

36. If any dispute arise out of the contract with regard to the interpretation, meaning and breach of the terms of the contract, the matter shall be referred to by the Parties to the Head of the Department who will appoint his senior most deputy as the Sole Arbitrator of the dispute who will not be related to this contract and whose decision shall be final.

37. Price preference: Price preference will be given to the goods produce or manufactured by industries of Rajasthan over goods produced or manufactured by Industries outside Rajasthan as per Purchase of Stores Rules.

38. All legal proceedings, if necessary arise to institute may by any of the parties (Government or Contractor) shall have to be lodged in courts situated in Rajasthan and not elsewhere.

I/We hereby agree all above terms& conditions and have signed on each page as a token of acceptance.

39. The Prices charged for the store supplies under the contract by the successful tenderer shall in no event exceed the lowest price at which the successful tenderer sells the stores of identical description to any other persons during the period of contract. If any time, during the period of contract the tenderer reduces the sales price chargeable under the contract he shall forth with notify such reduction to the store officer, Medical & Health Services, Rajasthan, Jaipur & the Price payable under the contract of the stores supplied after the date of coming into force of such reduction or sale shall stand correspondingly reduced.

**Signature of Tenderer
with Rubber Stamp**

GOVERNMENT OF RAJASTHAN

PART –B SPECIAL TERMS & CONDITION:-

Tenderer should read the special terms & condition carefully & follow strictly, failing which tender will be rejected due on 05.02.2011 at 3.00 PM.

1. **Eligibility criteria** – Tenderer who submit the following documents only will qualify for opening their financial bid. These documents will be kept in Frist envelop marked as Technical Bid
 - a. Earnest Money deposit as per general condition NO.23.
 - b. Sales Tax/VAT Registration & Sales Tax/VAT Clearance Certificate.
 - c. Original Tender Document issued by the department duly signed & filled in all respect.
 - d. Statement of previous Installations and Performance Certificates of last three years.
 - e. Original Printed Literature/Catalog of item offered. **Photocopy shall not be considered.**
 - f. Undertaking by Principal Manufacturer as per Schedule “B” Performa enclosed with tender document should by typed and signed by Principal Manufacturer on his Original letter pad.
 - g. The manufacture/Dealer should have minimum annual turn over of Rs. 1.0 crores during previous financial year, for which necessary certified proof of document should be submitted along with the tender, otherwise the tender will not be considered.
 - h. The tenderer will have to give demonstration whose technical bid are found qualified before opening of financial bid within 10 days of intimation in front of the committee nominated by the department, if desired

2. **Two tier bids**

The tenderer will have to be submitted in two envelopes in duplicate addressed to the Director Medical & Health Services, Rajastha, Jaipur and palced in seald cover.

The words thender for supply of Equipments/ Instruments against NIT No _____ Date _____ due on _____ should be super scribed specifically on the covers. Name of the firm also written on the envelop itself. Offer should be submitted in manner prescribed as below-

First Envelop-

First envelop marked as technical bid should contain the following paper / document

1. Earnest money as per schedula A.
2. All the necessary required documents as per special condition No 1 under head eligibility criteria.
3. In case of tender document downloaded form Website. the tender fee in form of demand draft as NIT should be kept in this envelop and Tender document duly signed by tenderer on each paper.

Second Envelop:-

The second envelop marked as price bid should contain only in format of financial bid or tender document (part –C)

3. Only Rates to be quoted in enclosed Financial Bid Format. Quoted rates should be upto delivery at consignee store . Rates should be in packing unit. The tenderer who are qualified in technical bid only their financial bid will be open. Both envelopes are to be submitted separately, tagged together & kept in order sealed cover complete.

4. Successful bidders will have to provide free training to our technical staff.

5. Two years comprehensive warranty with spare parts for all the instruments to be given by the tenderer otherwise tender will not be considered. & during warranty period no service charges will be provided for any type of repair.

6. Tenderer can't offer more than one model option, if tenderer want to offer more than one model than he will purchase extra tender form and deposit separate EMD, it will be treated as separate tender.

7. Quoted rates shall be valid for 18 months form the date of purchase agreement.

8. The supply order will be placed time to time as per needs of the department.

We are signing in acceptance of above Special Terms& conditions laid down by the department.

**Signature of Tenderer
with Rubber Stamp**

Government Of Rajasthan

SR FORM-11

DECLARATION BY TENDERERS

We hereby declare that we are Bonafide Manufacturers / Authorised Whole Seller/ Sole Distributors/Authorised Dealer- Distributors/ Sole Selling/ Marketing Agent in the goods/Stores/Equipments/ for which we have tendered.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, our Security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

**Signature of Tender
With Rubber Stamp**

GOVERNMENT OF RAJASTHAN

FOLLOWING POINTS TO BE NOTED WHILE FILLING FINANCIAL BID:

1. This Bid should be submitted in separate envelope with clear marking that is Financial Bid Envelope.
 2. The Financial Bid Should compulsorily be in the sheet only. Any Financial information mentioned elsewhere or in different form shall not be considered.
 3. all rates quoted must be FOR each Destination Stores as per Schedule 'A' in Tender documents.
 4. Rates quotes should include expenditure up to Destination Point including Freight, Insurance, Custom Charges if any, Excise etc. Except VAT/CST Which should be shown separately.
 5. for every instrument Financial bid should be submitted separately.
- I/We hereby agree to above points.

Signature of Tenderer with rubber stamp

Enclosed : Financial bid Format duly filled, Signed & sealed.

GOVERNMENT OF RAJASTHAN

FORMAT OF FINANCIAL BID FOR ITEM NO

Name of Instrument/ Equipment

S.No.	Particulars	Price in Indian Rupees (Figures & words) FOR DESTINATION STORES AS PER SCHEDULE 'A'
1	Unit Price (Excluding VAT/CST) (Rates quoted must be inclusive of two year comprehensive guarantee including spare parts.	
2	VAT/CST including Surcharge if any in Rupees.	
3	Price (Column 1+ 2)	

Signature of Tenderer With rubber stamp