

RAJENDRA INSTITUTE OF MEDICAL SCIENCES, RANCHI

**Tender paper for Equipment of Grade-II ICMR Virology Laboratory in
Microbiology Department**

Tender Notice No. 6583 (III) dated : 21.09.2015

Issued to

M/s _____

Against money receipt number/RIMS, dated :

Cashier
RIMS, Ranchi

Invitation of tender notice for equipment of Grade-II ICMR Virology Laboratory in Microbiology Department, Rajendra Institute of Medical Sciences, Ranchi.

To,

M/s _____

Dear Sir,

Director, Rajendra Institute of Medical Sciences, Ranchi invites you to tender for equipment of Grade-II ICMR Virology Laboratory in Microbiology Department, RIMS, Ranchi.

If you are in a position to quote for supply & installation in accordance with requirements stated in short tender notice & tender form, you must also furnish all the information, called for, along with your tender.

This tender is non transferable.

All legal matter in respect to this tender will be subjected to jurisdiction of Hon'ble Jharkhand High Court, Ranchi.

The last date of submission of tender -- 05.11.2015 (upto 4:30 p.m).
by registered posts / speed post only,

Date for opening technical bid - 06.11.2015 at 12:30 p.m.

Yours faithfully

Sd/-
Director
Rajendra Institute of Medical Sciences
Ranchi

Technical compliance report duly filled and signed with seal of the bidder.

The bidders must fill all the rows/columns of this compliance report. This report will be inspected & evaluated by purchase committee and accordingly documents will be verified on the concerned page numbers.

Sl. No.	Enclosures required	Have you enclosed it? write clearly Yes or No	If yes then on page no. of this bid.
	In case of lack of any essential required documents the tenders will be rejected - The list of essential required documents which must be submitted with technical bid of the bidders :		
1.	Photocopy of JVAT (Sales tax) Registration certificate in Jharkhand State.	Yes/No	Page No.
2.	Photocopy of JVAT/Sates tax clearance certificate of Jharkhand State, valid at the time of opening of technical bid. OR If the bidding agency is not registered under Jharkhand sales tax department, then they must give an undertaking through notary affidavit that "They will supply the equipment/items at RIMS, Ranchi after payment of JVAT/Jharkhand Sales tax on their own & they will make their own arrangements for custom clearance in case of imported equipments. They shall not demand any document from RIMS for JVAT/custom clearance/duty exemption/waiver/relief in this regard".	Yes/No	Page No.
3.	Copy of Manufacturing certificate or original copy of authorization from original equipment manufacturer in the name of authorized bidder for bidding on their behalf. (Photocopy or fax copy will not be valid).		
	(i) Whether manufacturer or authorized dealer	Write clearly manufacturer or authorized dealer	If manufacturer then valid manufacturing licence on Page No.....
	(ii) If authorized dealer then write names of the original manufacturers and enclose the authorizations issued to you. e.g.		
	a. Authorization letter of M/s	Yes or No	On Page No.
	b. Authorization letter of M/s and so on	Yes or No	On Page No.
4.	I.T. PAN no. of the bidder.	Yes or No	On Page No.
5.	Earnest money in form of Demand Draft issued by any nationalized bank only in favour of Director, Rajendra Institute of Medical Sciences, Ranchi –	Yes or No	On Page No.

	(1) for Hand Instruments of various departments Rs. 1,00,000/- (Rupees One lakh only). (2) for Equipment of Molecular Lab Rs. 1,00,000/- (Rupees One lakh only). (3) for Equipment of Grade-II Virology Lab Rs. 1,00,000/- (Rupees One lakh only).		
.6.	Affidavits through first class magistrate / Notary Public, mentioning that – (a) "Our company has not been black listed or convicted in the past by any Hospital Organization or by any Government / Semi government organization / P.S.Us / C.B.I / C.C.I & free from all kind of litigation/allegations, (b) That the firm has no vigilance case/CBI/FEMA/CCI case pending against him/supplier (Principal) (c) That the firm is not supplying the same item at lower rate quoted in the tender to any government organization or any other institute".	Yes or No	On Page No.
7.	Technical specifications with catalogue & dimensions of equipment, accessories & details of turnkey works. The bidders have to provide complete layout plan of the constructions & electrical works (if any) required and to be done by the bidder within their offer for installation & functioning of the complete system.	Yes or No	On Page No.
8.	I.T. return certificate & balance sheet of the bidders for last three financial years.	Yes or No	On Page No.
9.	For the bidders of hand instruments - acceptance letter/undertaking that they shall provide five years comprehensive warranty for all the hand instruments. For the bidders of equipments of various departments - acceptance letter/undertaking that they shall provide five years comprehensive warranty & then after five years comprehensive maintenance contract with all spares, accessories & labour charges for all the equipments. For the bidders of molecular lab & Virology lab equipments – acceptance letter/undertaking that they shall provide three years comprehensive warranty & then after seven years comprehensive maintenance contract with all spares, accessories & labour charges for all the equipments. For the bidders of molecular lab & Virology lab it is mandatory to bid all the required items (i.e. each & every items) as mentioned in the tender paper otherwise their tender will be rejected automatically during technical specification evaluation.	Yes or No	On Page No. ...

Note :

1. Payment of JVAT/Sales tax form JVAT-504 G / Road permit / Entry tax etc. of Govt. of Jharkhand will not be issued by R.I.M.S. authority. It will be responsibility of the bidders to arrange JVAT form 504-G or any other documents related to sales tax / entry tax on their own.
2. If any of the above enclosures are of more than one page then in the page number columns write clearly on page no. to page no.

~~3. Without filling the compliance report the offer will be rejected directly at the time of technical evaluation.~~

Certificate of Compliance

I Mr. / Mrs. / Miss on behalf of M/s (Name of firm / company) do hereby confirm that I have verified the above compliance report, it is duly filled. Our technical bid consists of total (No. of pages) (in words)

Signature of the Bidder
with date & seal of the firm / company

OFFICE OF THE DIRECTOR
RAJENDRA INSTITUTE OF MEDICAL SCIENCES, RANCHI
Bariatu, Ranchi – 834009 (Jharkhand)

General Terms & Conditions

1. The terms and conditions mentioned in tender notice no. 6583 dated 21.09.2015 of RIMS, Ranchi.
2. The tender should be submitted complete with all documents as per demand of NIT & with specification, literature, leaflet along with catalogues etc. leaving no room for back references.
3. Bids are to be submitted in two parts viz. (A) Technical Bid containing complete technical aspects including original EMD & Affidavit (B) Price Bid containing price elements only.
4. Technical Specification should be in the proforma / format given below :

Technical Specification Proforma :

Sl. No. as per Tender list	Name of Instruments / Item	Name of Manuf. / Model / Size	Tenderer's detail technical specification / Size offered in this bid

Full signature of the
tenderer with seal

Designation :

Dated :

5. **Price Bid Proforma :**

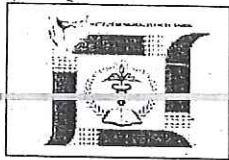
A. Price of Equipment / Item

Sl. No.	Name of Instruments / equipment / Manuf. / Model	Technical specification of the items / equipments	Unit Price in Indian Rs.	Price FOR RIMS with installation & all taxes.

Note:- All the quoted hand instruments must have full guarantee of five (05) years & major equipments must have full guarantee of three years. During guarantee period as well as CMC period, all the defective parts or the complete system if found defective shall be replaced free of cost by the bidder.

Full signature of the tenderer with seal& date

6. The full EMD shall be forfeited in case of backing out of the offer after acceptance.
7. The successful tenderer have to supply immediately the items in accordance with the specification as finalized and approved by the purchase committee.
8. The tenderer should furnish the guarantee period of the complete system.
9. The bidders have to offer their best quality & latest models of equipment.
10. In case of late supply of materials, penalty will be charged on the bidder as per norms mentioned hereunder :-
 - i. After 07 days (one week) from stipulated date of supply completion - @0.5% (point five percent) per week of total contract value upto 04 weeks
 - ii. After 04 weeks @1% (One percent) of contract value per week upto 08 weeks
 - iii. After 08 weeks @2.0% (Two percent) of contract value per week upto 12 weeks.
 - iv. After 12 weeks the security money & EMD will be forfeited by RIMS and the bidder will be debarred / black listed for further participations.
11. List & specification of equipment for Grade-II ICMR Virology Laboratory in Microbiology department :-



DEPARTMENT OF MICROBIOLOGY

(53)

RAJENDRA INSTITUTE OF MEDICAL SCIENCES

Bariatu, Ranchi-834009 (Jharkhand)

MEMO No 210 DATED 11.10.15
Microbiology Deptt. RIMS
RANCHI

To,

The Director
RIMS,
Ranchi, Jharkhand

Sub: Regarding purchase of instruments under the project "Establishment of Grade II ICMR Virology".

Reference letter No: memo No - 205/dated - 2/9/15

Dear Sir,

This is in reference to Letter No; 205. Dated - 2/9/15 in which purchase of instruments under the project "Establishment of Grade II ICMR Virology had been requested. The letter is attached with the specification of ICMR for the instrument as well as the budget for the purchase of instrument including 3 yrs AMC. We request to add the condition in the tender that all the items under tender to be bid by the bidder is mandatory. The bids will not be accepted who haven't quoted all the items under tender.

Please do find the list and specifications of instrument attached to the letter for the final tender.

With Regards

Date:

Dr (Prof) N P Sahu

[PI]ICMR Grade II

Prof. and H.O.D.

11/10/2015
DR. N. P. SAHU
PROF. & H.O.D., Dept. of Microbiology
RIMS, RANCHI

Dr SN Choudhary
Director
RIMS, Ranchi

Sir,
At the outset let me thank you for giving us the opportunity to talk to you and your colleagues. As mentioned in the meeting (26 June) we would appreciate your help in resolving the hurdles facing a) equipment / consumable procurement procedure b) providing logistics for sample collection with clinical details for onward transmission to Virology lab c) filling up the vacant posts. After the meeting we visited the Laboratory. Some of our observations / recommendations are as follows:


1. The laboratory infrastructure has been very well developed.
2. Tenders were invited but the request also included CMC for 10 yrs. This has considerably inflated the price. Just to give you an example the price of Thermocycler has been quoted as Rs 10-11 lakh. The approximate price of this instrument is ~Rs 4 lakh. ICMR / DHR would recommend 3-yr AMC post warranty period to be included. This will bring the price down considerably if the request for purchase is made accordingly.
3. For the proper functioning of the lab the following equipments are urgently required—ELISA reader and washer, PCR set up; -85C & -20C freezers, a dozen of micropipettes. I would like to request you to keep the equipment budget to Rs 50.6 lakhs, same as sanctioned for Grade II VDL at RIMS, Ranchi.
4. Purchase of recommended ELISA kits for diagnosis of variety of viruses
5. Please submit comparative statement to ICMR / DHR for release of funds
6. Since the funds have not been spent the u/c submitted shows huge balance with you.

For your ready reference I have attached several files that I sincerely feel will be helpful to RIMS with regards to purchase and specimen testing.

Thank you.

With warm regards,
Sincerely,

D A Gadkari
Scientific Consultant


17/10/15

Grade-II ICMR Virology Laboratory in Microbiology department

List of Equipment

✓1	Biosafety cabinet Type – II A2	
✓2	Centrifuge Refrigerator	
✓3	Vertical Autoclave	
✓4	Fluorescent microscope	
✓5	PCR work station	
✓6	Thermal Cyclers	
✓7	Horizontal Gel Electrophoresis system	
✓8	Gel Documentation	
✓9	Refrigerated microfuge	
✓10	-20° vertical deep freezer	
✓11	-80° vertical ultra low freezer	
✓12	Automated Elisa Microplate washer	
✓13	Elisa reader	
✓14	Adjustable Variable single channel pipette	
✓15	Adjustable Multichannel pipette	
✓16	Fine Analytical Balance	
✓17	Water Bath	
✓18	Magnetic stirrer	
✓19	Incubator	

Item sl. No. 01

Equipments listed under General & Culture Facilities

1) Biological safety cabinet

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Certification:
Design:

NSF 49/EN1249 or Equivalent standard
Approximately 4 Feet length X 2 feet Depth
Bio safety cabinets Class II, Type A2 ;
304 stainless steel interior
Epoxy-coated steel exterior
Removable, seamless, dished work surface with lift out knobs
Door- Fully closing, clear 1/4" tempered safety glass sash
Counter balanced with base stand.

Circulation:

Class 100, Supply and exhaust through HEPA filters. Inflow velocity of 105 fpm (0.5 m/sec),
Down flow velocity of 55 fpm (0.3 m/sec)
70 % air recirculation

Light:

UV and sufficient illumination for work space.

Gauges:

For monitoring the condition of all HEPA filters as well as work space.

Services Required:

Installation & onsite validation
Calibration certificates
Manuals: Operation, maintenance & part list with detailed specifications.
Operational & maintenance Training

Power Supply:

Should include 210-240V/50 Hz

Recommendation: Bio safety cabinets of Class II, Type A2 is recommended for all Viral Research Diagnostic labs (VRDL). Type B2 biosafety cabinets are recommended only for Biosafety Level 3 work

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② Refrigerated high speed centrifuge

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Certification: CE or UL certified
Temperature range: -20 to +40°C
Speed: Up to 18000 rpm

Display: Digital for temperature for air and chamber, time and RPM/RCF, Microprocessor controlled

Drive system: Brushless direct
Programmable: Programs-90-99 and with program recall facility

Rotors: Fixed angle rotor: 15ml and 50 ml tubes

(Optional Rotors) Fixed angle rotor: 24X1.5 ml tubes, 250 ml
Swing out Rotor and adapters for :5-10 ml tubes, 15ml, 50ml and 250 ml tubes, micro plate.

Power Supply: 210-240V/50-60 Hz or Suitable power supply

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3 Vertical-Autoclave

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Fully automatic vertical autoclave, suitable for sterilization under working steam pressure up to 15 PSI or more and temperature of 121°C or more.

Design:

Unit made of SS 304 chamber, approx inner dimensions 16" to 25" (diameter x depth). Lid made of heavy gauge lid, die pressed S.S.304 with pressure gauge, steam release valve & necessary Safety valves, with foot lifting arrangement to open lid, programmable, with all functional accessories.

Capacity:

70 to 80 lit

Display:

Time and temperature LCD display

Alarm:

Low water level alarm and cut off / Sensor open alarm

Accessories:

Perforated carriers made up of SS 304 (3-4 Nos.)

Power Supply:

220/230 volts AC-50 Hz or Suitable power supply

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4 Fluorescent Microscope

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Basic Components

1. Objectives: With a par-focal distance of 60 millimetres and an objective thread size of 25 millimetres. Phase Contrast objectives- 4x, 10x, 20x & 40x and 100x with NA value of minimum 1.45 (without phase)-(optional) oil immersion.

2. Condenser: ELWD (extra long working distance).

3. Nose piece: Extra Large Working Distance, adjustable.

4. Eyepiece 10X (F.O.V. 20-22mm) with Rubber eye guard. The eyepiece tube interpupillary distance should be 50-75mm, with Inclination of 45° from horizon.

5. Illuminator: High luminescent white LED illuminator. Lamphouse for 50 W mercury lamps, UV Light shielding plate, UV-cut filter (detachable).

6. Mechanical stage with holders: attachable with different holders like, Terasaki holder (accepts 65mm petri dish); Slide glass holder (accepts 54mm petri-dish); Hemacytometer holder etc.

7. Filters: Epi-fluorescence Attachment, with field diaphragm, Fluorescence filter block holder, (2 filter blocks mountable, 1 empty position), Barrier filter, Heat absorbing filter, Fluorescence Filters for DAPI, FITC & TRITC.

Additional Requirements:

1. Photographic attachment: Trinocular model (with light distribution, bino/photo: 100/0, 0/100) to accommodate image documentation, a photo port that accepts various photo micrographic systems.

2. Digital Camera with not less than 7 Megapixel. High Resolution.

Power Supply:

Should include 210-240V /50-60Hz.

Spares:

Lamps 2 Nos.

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Equipments listed under PCR Lab Facilities

1) PCR Workstation

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Size about 2' X 3'

Construction-Powder coated/ epoxy-coated SS. Work surface-Good quality Stainless steel

Lighting system- A built-in ultraviolet light for decontamination of consumables and equipment and fluorescent light for working

Vertical laminar flow

Filters-combines an ISO 5 (FS209E) Class 100 clean air environment. 99.99%-efficient HEPA filter and disposable prefilter

Alarms - monitors the effectiveness of the workstation and alerts the operator if the HEPA filter or UV bulb needs replacement.

folding sash turns off the UV light and activates the blower and fluorescent light

Power supply: should include 220 V/50 Hz

Optional - utility ports

Note: Cost of PCR workstation and laminar airflow is almost same; hence, it is advisable that the laminar airflow can be procured instead of PCR work station.

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6 Thermal Cycler

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

- Design:** 96 well, with 6 separate peltier blocks to provide independent temperature zones to run gradient PCR with hot bonnet.
- Capability:** 0.2ml, 0.5ml PCR tubes or microplates; to accommodate PCR volumes ranging from 10- 100ul.
- Run Mode:** Standard and fast run
- Temperature:** Range +4-100°C
Accuracy +/-0.25 from 35-99°C
Uniformity <0.5°C (20 sec after reaching 95°C)
- Ramp rate:** Maximum should be 5°C / sec and adjustable between 3 -5°C /sec
- Program:** Around 800 typical programs; with USB flash drive expansion
- Power Supply:** Should include 210-240V/50-60 Hz

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7) Horizontal Gel Electrophoresis system

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

1. Submerged gel electrophoresis apparatus with clear plastic construction for easy sample visualization
2. Tray should be UV transparent, length 12-15cm and width 12-15cm
3. Combs: 10-15 wells and 25-30 well. All combs of 1mm thickness.
4. The unit should bear minimum 3 years comprehensive and 2 years non-comprehensive warranty.

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8) Gel Documentation System

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

- 1) Gel imaging system to visualize i) Stained protein gels (coomassie, silver, UV light-excited fluorescent stains) and ii) Stained nucleic acid gels (ethidium bromide and other UV light-excited fluorescent stains).
- 2) Compact benchtop instrument
- 3) With UV and visible light transillumination, motorized zoom lens; Transillumination and epi-illumination.
- 4) Camera- high speed USB technology for faster image capture and download
Auto focus configuration.
- 5) Auto exposure setting for optimum image exposure time.
- 6) CCD resolution- 5 megapixel or more
- 7) Excitation source- Trans-UV, 254, 365nm; Wide transillumination area;
- 8) Provided with PC. Software compatibility: Windows

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9 Refrigerated Microfuge

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Bench top, compact, Refrigerated

Temperature setting: 0 to 40 °C

Fast Pre cooling and should maintain +4 °C at maximum speed

Up to 10 programs or more

Digital display showing rpm, RCF and time

Speed Up to 15000 rpm

Rotor for 24X1.5 to 2 ml tubes,

Adaptors for 0.5 ml and 0.2 ml tubes

Auto balancing in situation of minor imbalance

Electrical Requirements: 120V/60Hz and 230V/50 Hz or Suitable electrical supply

CE certified or equivalent

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Equipments listed under Serology Lab Facilities

1)-20 degree C Vertical Deep Freezer

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Capacity :	600-700 litre
Inner shelf:	6-9
Refrigerant:	CFC free
Temperature control:	Micro-processor controlled, Digital display with temperature resolution of 0.1°C
Alarms:	Low/high temperature, power failure
Door closing and locking:	self closing door with key door lock
Adjustment:	Adjustable leveling feet standard (optional casters)
Power supply:	210-240V/50-60 Hz

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11 -80°C Vertical Ultra low Freezer

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Galvanized steel sheet body with epoxy paint and vacuumed polyurethane foam panels, outer double door with locking facility. Alarm for audible & visual fault acknowledgement, low & high temperature audio visual alarms, condenser fault alarm, remote contact alarm, open-door alarm, clean filter indicator and power failure alarm. Castor wheels & leveling adjustor should be provided for adjustment and installation.

- Capacity: Approximately 650 – 700 L
- Refrigerant: CFC & HCFC
- Cooling system: Cascade cooling system
- Doors: Triple silicon section seal, Fitted with decompression valve facility to lower air pressure inside the freezer for easy door opening.
- Inner Compartment: Minimum 3 compartments with doors
- Temperature: Range -55 to -80°C, Stability +/-1°C , uniformity +/-3°C
- Additional Accessories: SS Racks and cardboard boxes
- Power Supply: 210-240V/50-60 Hz

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12 Automated ELISA Microplate Washer

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

- Capability: 96 well microplates and strips, with flat, round, or "V" bottom well
- Manifold: 12 Channels
- Vacuum and fluid delivery Systems: In built with Positive displacement syringe pump, drive with adjustable flow rates
- Program: Memory for around 50 programs including dispensing Volume (50 to 300ul/well) and multispeed microplate shaking program
- Bottles: Wash, rinse and waste (volume 4-6 liter)
- Safety devices: Aerosol cover, removable Plate carrier, spill over protection and overflow protection safety system
- Display: LCD Display with Membrane Keypad
- Power Supply: 210-240V/50-60Hz

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13 ELISA reader

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Capability: 24, 48 or 96 well micro plates

Spectral Range: 400-750nm, Accuracy \pm 1nm

Absorbance Range: 0-4 O.D.

Accuracy: Up to 0.001 O.D.

Provision: Curve fittings formulas transformations & control assay validation, with compatible interface with PC & external printer.

Accessories: Spare Lamps 2 Nos.

Power Supply: 210-240V/50-60 Hz

Signature
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14 Adjustable Volume Single Channel Pipettes

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

ISO 8655 CERTIFIED, fully autoclavable, single channel pipettes of variable volume compatible with universal tips.

Range	Increment	Accuracy	Precision
0.2 to 2 μ L	0.01 μ L	\pm 12.0 to 2.5%	10.0 to 2.0%
1 to 10 μ L	0.1 μ L	\pm 2.5 to 1.0%	2.0 to 0.5%
2 to 20 μ L	0.1 μ L	\pm 3.0 to 1.0%	2.5 to 0.4%
20 to 200 μ L	1 μ L	\pm 1.8 to 0.6%	0.7 to 0.2%
100 to 1000 μ L	5 μ L	\pm 1.0 to 0.6%	0.6 to 0.2%

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15 Electronic Multichannel Pipette

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

3 pipettes with volumes : 0.5 to 10 μ l, 5 to 10 μ l & 50 to 1200 μ l

Short Description	Electronic multichannel pipette with Spring loaded nose cone and Secondary adjustment			
	Channel format	8-channel	8-channel	8-channel
1.	Channel format	8-channel	8-channel	8-channel
2.	Adjustable Volume	0.5-10 μ L	5-100 μ L	50-1200 μ L
3.	Imprecision/Volume ($\leq\%/ \mu$ L)	$\pm 3.0\%/\pm 0.03 \mu$ L/1 μ L;;	$\pm 3.0\%/\pm 0.03 \mu$ L/1 μ L;	$\pm 0.9\%/\pm 1.08 \mu$ L/120 μ L;;
4.	Inaccuracy/Volume ($\pm\%/ \mu$ L)	$\pm 3.0\%/\pm 0.03 \mu$ L/1 μ L;;	$\pm 2.0\%/\pm 0.2 \mu$ L/10 μ L;;	$\pm 6.0\%/\pm 7.2 \mu$ L/120 μ L; \pm ;
5.	Pipette type	Electronic air cushion	Electronic air cushion	Electronic air cushion
6.	Volume selection	Adjustable	Adjustable	Adjustable
7.	Volume display	4 digits	4 digits	4 digits

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16 Fine Analytical Balance

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Single pan Analytical Balance with highest accuracy for weighing processes; readouts to have at least four decimal places. Equipped with a draft shield chamber to eliminate interfering ambient effects.

- Weighing Range: 0.01 - 60 g
- Readability: 0.1 mg
- Calibration: External
- Display: LCD Display
- Verification interval: 0.001 g
- Pan Size: 80 - 100 mm
- Power Supply: 210-240V/50-60 Hz

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17 Water Bath (For Medical College Labs)

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Water Bath made of stainless steel, from manufacturer/authorized dealers having installation in reputed institutes/ firms.

Capacity: Anti-corrosive 4 chambers each with capacity of 3-4 lit.

Temperature: ambient to 100 °C, with Digital temperature display and 0.1°C readability, microprocessor controlled

Power Supply: 210-240V/50-60 Hz


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18 Magnetic Stirrer (For Medical College Labs)

Specifications:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

- Design: Compact, light weight, SS body, chemical and corrosion resistant construction ;
Approximately 40L X 30W X 5H(cm)
- Certification: CE/ISO 9001
- Speed: Range 0-1200 rpm;
Control-Analog;
- Stirring Volume: Upto 1000 ml
- Display: Digital, microprocessor controlled
- Power Supply: Should include 210-240 V/50-60 Hz

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Dr N P Sahu (Principal Investigator)
Prof & HOD
DEPARTMENT OF MICROBIOLOGY,
RIMS, RANCHI

19 Incubator

Temperature Control	+/-	0,1	
Temperature variation (time)	°C		
Temperature deviation (spatial)	+/- %	1	
Readability/ Setability	°C	0,1	
Temperature range	°C	tb - 70	
Sensor thermo- couple type K		*	
Controller		PID	
Display		LED	
Alarm flashing/acoustic		*	****
Alarm limit setable	+/- °C	*	****

Timer

Options mins/hours	0-999
Delayed start option	*

Safety

Temperature variation	+/- °C	3
Sensor thermo- couple type K		*
Adjustment		Manual

Fan

Fan speed	4 steps	*
Glass inner door		*

Features

Door gasket, silicone rubber		*
Ventilation slide	0	*
Heating up time to 37°C	min	27
Heat transfer at 70°C	W	65

Shelves

Standard/ max		02/ 7
Dimensions w,d	mm	320x240
Max load per shelf	kg	20
Permitted total load	kg	50

Power

Nominal power	W	330
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Handwritten signature

Grade-II ICMR Virology Laboratory in Microbiology department

List of Equipment

1	Biosafety cabinet Type – II A2	
2	Centrifuge Refrigerator	
3	Vertical Autoclave	
4	Fluorescent microscope	
5	PCR work station	
6	Thermal Cycler	
7	Horizontal Gel Electrophoresis system	
8	Gel Documentation	
9	Refrigerated microfuge	
10	-20° vertical deep freezer	
11	-80° vertical ultra low freezer	
12	Automated Elisa Microplate washer	
13	Elisa reader	
14	Adjustable Variable single channel pipette	
15	Adjustable Multichannel pipette	
16	Fine Analytical Balance	
17	Water Bath	
18	Magnetic stirrer	
19	Incubator	

Mh 21/10/15

Director

Rajendra Institute of Medical Sciences

Ranchi

6/10/15

21/10/15

[Signature]

OFFICE OF THE DIRECTOR

RAJENDRA INSTITUTE OF MEDICAL SCIENCES, RANCHI & 834009, JHARKHAND

Tender Notice No. 6583 /RIMS, Ranchi, Dated : 21.09.2015

NOTICE INVITING TENDER

Sealed offers are invited in two bid system (Technical & Price bid) by Speed post / Registered post only, from original equipment manufacturer or authorized dealer for (1) Hand Instruments & small equipments for various departments, (2) Supply & installation of equipment for establishment of Molecular lab in Microbiology and (3) Supply & installation of equipment for establishment of Grade II ICMR virology laboratory in the department of Microbiology at RIMS, Ranchi, Jharkhand, India. Tenders will not be accepted by hand or any other agency.

A. Important dates for Tenders	
1.	Pre bid meeting for discussion on various technical issues
	On 01.10.2015 at 12:30 P.M at RIMS. All the intending bidders must attend the pre-bid discussion meeting for clarification of their queries & requirements of RIMS. No claims will be considered after finalization of tender paper.

2.	Date of issue of tender documents	From : 07.10.2015 to 04.11.2015 (The intended bidders may purchase tender document on any working day upon payment of Rs. 5000/- (Five thousand non refundable) only for each tender paper in cash to the RIMS Cashier or those who want to bid by downloading the tender document, they have to submit separate demand drafts of Rs. 5000/- for each tender paper with their technical bid.
3.	Last date of submission of sealed tender documents (Only by speed post / Registered post)	On 05.11.2015 till 04.30 P.M
4.	Opening of technical bid & discussion on technical issues:	On 06.11.2015 at 12:30 P.M in RIMS administrative conference hall, in front of purchase committee. All the bidders or their duly authorized representative must represent the tender opening for discussion & queries of purchase committee.

Note :1. For details of tender terms, conditions & specification please visit RIMS website : www.rimsranchi.org for sample tender paper to attend the pre-bid meeting.

2. Final Tender paper will be uploaded on 07.10.2015, All the bidders have to submit their tender as per final tender paper.

3. Before participating the meetings the bidders may physically visit the site and they may discuss with H.O.D. Microbiology, RIMS, Ranchi regarding requirements or queries

In case of lack of any essential required documents the tenders will be rejected - The list of essential required documents which must be submitted with technical bid of the bidders :

- i. Photocopy of JVAT (Sales tax) Registration certificate in Jharkhand State.
- ii. Photocopy of JVAT/Sates tax clearance certificate of Jharkhand State, valid at the time of opening of technical bid.

OR

If the bidding agency is not registered under Jharkhand sales tax department, then they must give an undertaking through notary affidavit that "They will supply the equipment/items at RIMS, Ranchi after payment of JVAT/Jharkhand Sales tax on their own & they will make their own arrangements for custom clearance in case of imported equipments. They shall not demand any document from RIMS for JVAT/custom clearance/duty exemption/waiver/relief in this regard".

- iii. Copy of Manufacturing certificate or original copy of authorization from original equipment manufacturer in the name of authorized bidder for bidding on their behalf. (Photocopy or fax copy will not be valid).
- iv. I.T. PAN no. of the bidder.
- v. Earnest money in form of Demand Draft issued by any nationalized bank only in favour of **Director, Rajendra Institute of Medical Sciences, Ranchi –**
 - (1) for Hand Instruments of various departments Rs. 1,00,000/- (Rupees One lakh only).
 - (2) for Equipment of Molecular Lab Rs. 1,00,000/- (Rupees One lakh only).
 - (3) for Equipment of Grade-II Virology Lab Rs. 1,00,000/- (Rupees One lakh only).
- vi. Affidavits through first class magistrate / Notary Public, mentioning that –
 - (d) "Our company has not been black listed or convicted in the past by any Hospital Organization or by any Government / Semi government organization / P.S.Us / C.B.I / C.C.I & free from all kind of litigation/allegations,
 - (e) That the firm has no vigilance case/CBI/FEMA/CCI case pending against him/supplier (Principal)
 - (f) That the firm is not supplying the same item at lower rate quoted in the tender to any government organization or any other institute".
- vii. Technical specifications with catalogue & dimensions of equipment, accessories & details of turnkey works (if any required for installation of equipments). The bidders have to provide complete layout plan of the constructions & electrical works (if any) required and to be done

by the bidder within their offer for installation & functioning of the complete system.

viii. I.T. return certificate & balance sheet of the bidders for last three financial year.

ix. For the bidders of hand instruments - acceptance letter/undertaking that they shall provide five years comprehensive warranty for all the hand instruments. For the bidders of equipments of various departments - acceptance letter/undertaking that they shall provide five years comprehensive warranty & then after five years comprehensive maintenance contract with all spares, accessories & labour charges for all the equipments. For the bidders of molecular lab & Virology lab equipments – acceptance letter/undertaking that they shall provide three years comprehensive warranty & then after seven years comprehensive maintenance contract with all spares, accessories & labour charges for all the equipments. For the bidders of molecular lab & Virology lab it is mandatory to bid all the required items (i.e. each & every items) as mentioned in the tender paper otherwise their tender will be rejected automatically during technical specification evaluation.

C. Other terms & conditions of tender :

1. Technical part should contain the documents & request for proposal and all such details as mentioned in the term of reference or tender paper.
2. Financial part should contain the financial bid inclusive of equipment, accessories, all admissible turnkey works, warranty, guarantee, C.M.C., taxes etc.
3. Details with respect to terms and conditions & list of items and submission of such proposal can be obtained from "Term of Reference" i.e. tender document/paper & on RIMS website - www.rimsranchi.org
4. If required by the technical committee, all the tenderers have to organize practical demonstrations of the same model machine at their nearest installation site to the nominated technical team of RIMS, Ranchi on tenderer's own cost before finalization of technical evaluation report.
5. The undersigned reserves the right to accept or reject in part or as a whole any of the proposal received without assigning any reason thereof.
6. Any legal matter related to this tender shall be under jurisdiction of Hon'ble Jharkhand High Court, Ranchi.
7. Before participating the bid, the bidders may visit the site at RIMS, Ranchi and may have discussion with the concerned faculty H.O.Ds regarding their requirements & queries.
8. Price Bid of only those bidders will be considered/opened who will qualify the technical documents parts as well as technical specification parts.
9. For major equipment the bidders have to quote separate, sealed price for each & every equipment, so that price of only specific technically qualified items of the bidders may be opened.
10. No payment shall be made in advance, whatever circumstances may be.
11. The bidding prices will be valid at least for two years or the next tender which ever is earlier. If there will be government holiday on any last day of the above schedule, the tender process will continue on the just next working day.

Sd/-
Director
Rajendra Institute of Medical Sciences
Ranchi.