

National JALMA Institute for Leprosy and Other Mycobacterial Diseases
(Indian Council of Medical Research)
(Department of Health Research, Ministry of Health & Family Welfare, Government of India)
Dr. M Miyazaki Marg, Tajganj, Agra
Uttar Pradesh-282004
Website: www.jalma-icmr.org.in

TENDER NOTIFICATION

Tender Enquiry No: NJIL/Inst./Equip-03-2017

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National JALMA Institute for Leprosy and Other Mycobacterial Diseases
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Website: www.jalma-icmr.org.in

Tender Notification

The Director, National JALMA Institute for Leprosy and Other Mycobacterial Diseases, Agra invites sealed tender in two bid systems for **following Nine items**. The Tender form will be issued from 14.11.2017 during the office hours (9:00 AM to 5:30 PM). The tender forms can also be downloaded from the website. Last date of Submission of Tender is 05.12.2017 till 5:00 PM. For details please refer to website of NJIL&OMD, <http://www.jalma-icmr.org.in> or website of ICMR, New Delhi <http://www.icmr.nic.in> or from Central Public Procurement Portal, <http://eprocure.gov.in>.

S. No	Item	Quantity	Estimated cost
1.	Binary Gradient High Performance Liquid Chromatography (complete System)	01	25.00 lakhs
2.	Haematology analyzer (Automatic Blood Cell Counter)	01	10.00 lakhs
3.	Electrolyte Analyzer	01	3.00 lakhs
4.	Thermal cycler	01	5.00 lakhs
5.	HIV-Viral Load Monitor	01	25.00 lakhs
6.	Rotary Vaccum Evaporator	01	1.5 lakhs
7.	Single Pan microbalance	03	2.5 lakhs
8.	-80 degree vertical deep freezer	01	5.0 lakhs
9.	Liquefier Nitrogen Gas Generator	01	6.5 lakhs

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TENDER NOTIFICATION

The Director, National JALMA Institute for Leprosy and Other Mycobacterial Diseases, Agra, (ICMR), invites sealed tender in Two Bid System which should reach to The Director, NJIL&OMD, Agra upto 05.12.2017 till 5:00 PM latest, at the above mentioned address.

PLEASE NOTE that only tenders received *through registered post/speed post/courier/By hand* in sealed envelopes will be accepted. **The tenders must reach the above mentioned address by the evening of 05.12.2017 till 5:00 p.m. latest. Please ensure despatch of the tenders accordingly.**

The bids should be in the form of: (1) TECHNICAL BID providing detailed specifications and detailed technical proposal as per required specifications mentioned in the tender document for each of the item together with manufacturer's original data-sheets supporting the specifications in sealed cover and Earnest Money & Tender Fee deposits in separate sealed cover and (2) PRICE BID for supply, installation, additional warranty/AMC and commissioning of the following items:

S. No	Item	Quantity	EMD	Estimated cost
1.	Binary Gradient High Performance Liquid Chromatography (complete System)	01	Rs50,000.00	25.00 lakhs
2.	Haematology analyzer (Automatic Blood Cell Counter)	01	Rs20,000.00	10.00 lakhs
3.	Electrolyte Analyzer	01	Rs6,000.00	3.00 lakhs
4.	Thermocycler	01	Rs10,000.00	5.00 lakhs
5.	HIV-Viral Load Monitor	01	Rs50,000.00	25.00 lakhs
6.	Rotary Vaccum Evaporator	01	Rs3,000.00	1.5 lakhs
7.	Single Pan microbalance	03	Rs5,000.00	2.5 lakhs
8.	-80 degree vertical deep freezer	01	Rs10,000.00	5.0 lakhs
9.	Liquefier Nitrogen Gas Generator	01	Rs13,000.00	6.5 lakhs

Detailed tender documents (Non-transferable) can be purchased up to 25.11.2017 (4.30PM) either from Directors office in any working day (Monday to Tuesday) during office hours (9:30 AM to 5.30 PM) on submission of written request clearly mentioning the name of item with payment (Cash/DD) of Rs.500.00 (Rs. Five hundred only) (Non-refundable) as a cost of tender form for each item or can be downloaded from the website of NJIL&OMD <http://www.jalma-icmr.org.in> or website of e-procure.gov.in, for this payment of Rs. 500.00 (Rs. Five hundred only) (Non-refundable) as cost of tender documents for each item will have to be paid separately by D.D. in favour of Director, NJIL&OMD, Agra at the time of submission of tender documents, otherwise which the tender will not be considered. The tender cost should be enclosed as mentioned above.

Important Dates and Points to be noted:

Opening date and time for sale of tender documents	14.11.2017 at 9.30 A.M.
Closing date and time for sale of tender documents	25.11.2017 till 5:30 PM
Last date and time of submission of tender	05.12.2017 till 5:00 PM
Address for issue and submission of tender documents	The Director National JALMA Institute for Leprosy & Other Mycobacterial Diseases, Dr. M. Miyazaki Marg, Tajganj, Agra 202 004
Non-refundable fee for tender document for each item/instrument	Rs. 500.00 (Five hundred only)
Tender documents will also be available at website	www.jalma-icmr.org.in www.icmr.org.in
Earnest Money Deposit (EMD) (Interest free, refundable) (to be sent with the Technical Bid)	Amount of EMD is required to be deposited by Demand Draft/ Banker cheque/Bank Guarantee in the name of Director NJIL&OMD, Agra, payable at Agra as shown against the items.

Note:

The specified tender fee should accompany the tender document in case it has been downloaded from internet, failing which tender will not be considered.

Eligibility Criteria:

1. Original Equipment / item's Manufacturers / Authorized Dealers should ensure sales, instalation and service support facilities at NJIL&OMD, Agra through their branch office / authorized representative in India.
2. Indian agent with extensive sales (Minimum 3 years) and service support in India - Original Equipment / items manufacturers / Firms / Companies / Authorized Dealers with the above eligibility criteria are eligible to quote for the equipment / items. The Indian agency / dealership certificate with details of sales and service support should be enclosed with the technical bid.
3. Manufacturers / Companies of foreign origin can quote through their Indian authorized dealers.
4. Submission of Earnest Deposit Money (EMD) should be as defined against the respective equipment / items.

Instructions to Bidders

1. Scope of Work:

- A. The scope includes Supply of complete equipment/items, Installation, Testing, commissioning listed units of specified items in tender document.
- B. The scope of supply also essentially includes satisfactory delivery, installation, demonstration, requisite training of specified items in tender document.
- C. Providing free of cost warranty for two years for all the equipments, thereafter maintenance for five years on payment basis as CMC/AMC.

2. Formats for Bids

Tender should be submitted in two parts viz.

Part I – Technical Bid (without Prices) in sealed envelope and separate sealed envelope of EMD & tender fee and

Part II - Price Bid. All the sealed envelopes should again be kept in large envelope & sealed. The tenderers are requested to give detailed Quotation in the formats mentioned in the Tender Document. The bidder should furnish the following:-

A. Technical Bid:

- a. A detailed technical proposal supported by pictures, diagrams, design as per the specification at 'Annexure A' should be enclosed.
- b. The consignee of all items will be NJIL&OMD, Agra.
- c. After Sales support details must be in the format 'Annexure D'.
- d. Price schedule for CMC/AMC cost should be quoted in Rupees not in percentage as per Annexure D.
- e. The bidders should submit the after sale service support as per "Annexure E"
- f. The warranty certificate to be given by the Manufacturer / vendor should be as per 'Annexure F.
- g. Check list as per Annexure G' and enclose with the Technical Bid.
- h. List of Users preceding this tender- 'Annexure H'
- i. Undertaking to be submitted by manufacturer as per format given as Annexure I.

B. Price Bid:

- i) The Price Bid should be submitted in the format enclosed as 'Annexure C' separately.

Tender Document Fee:-

Compulsory Tender Document Fee as shown is payable by tenderers who have downloaded the tender documents from websites mentioned in the tender notice above. They should submit the Earnest Money Deposit along with technical bid in the form of bank draft/bankers cheque/bank guarantee in favour of Director, NJIL&OMD, Agra payable at Agra. Tender form can also be purchased from the Institute (administration wing) on cash payment basis. In case of purchase of tender document from NJIL&OMD original money receipt should be submitted along with Technical bid. Tenders not accompanied with EMD in the Technical bid will be summarily rejected. The EMD will carry no interest. EMD will be refunded after finalization of bid to the unsuccessful tenderers. The EMD is liable to be forfeited, if the bidder withdraws or amends, impairing or derogates from the tender in any

respect. Earnest Money Deposit (EMD) of the unsuccessful tenderers will be refunded only after completing all the tendering procedures in all respect.

Bid Submission:-

Completed tenders in all respect & signed by the bidder on each page at the bottom; super scribing the Enquiry Number (NJIL/Inst./Eqpt-03-2017) and closing date on the envelope should be sent to:

**The Director,
National JALMA Institute for Leprosy and
Other Mycobacterial Diseases (ICMR)
Dr. M. Miyazaki Marg
Tajganj, Agra-282004**

Each quotation sent by post/courier is to be enclosed in Double Cover. The inner cover should be SEALED WITH WAX AND SUPERSCRIBED as “Tender for (write name of each equipment/items).....” Tender Enquiry No. Dated Date of Opening” etc.

The Separate covers containing the Technical Bid and Price Bid for each item should be clearly superscribed as “Technical Bid” and “Price Bid” respectively with quoted equipment/items name. These sealed covers are to be put in a larger cover which should also be sealed and duly superscribed name of bidder firm, address and name of equipment/items. Quotations should reach NJIL&OMD, Agra by post/courier/ by hand upto 05.12.2017 till 5:00 PM latest. The tenderers themselves should ensure that their tenders with all requirements will reach to this office within the stipulated date and time. Late-tenders or delayed-tenders will not be accepted. NJIL&OMD, Agra will not be responsible for non-receipt / postal delays.

Price Bid Opening: - Only those bids, which meet our technical requirement will be considered for opening of Price Bid. Those vendors who qualify in the technical evaluation will be permitted to be present at the time of price bid opening. The date and time of price bid opening will be intimated to all technically qualified bidder through email/mobile. **E-mail address and mobile number should, therefore be, compulsorily be provided in the technical bid.**

Language of Bid: The bid prepared by the bidder, technical brochures and all correspondence relating to the bid will be written in English language only.

Validity of offer: - Offer should be valid for 12 months after the date of opening of price bid.

INTERIM CORRESPONDENCE WILL NOT BE ENTERTAINED BEFORE PLACING THE ORDER.

Tender Documents are not transferable under any circumstances.

The bid should be complete in all respects otherwise liable to be rejected. Tender should be duly signed and related documents must be attached with the bid. Incomplete and unsigned bids will not be considered.

Quotations must be clearly written or typed without any overwriting. The person signing the bid must attest all corrections / over writings if any.

All rates / prices in Price bid should be given in figures and in words in Indian Rupees only. If there is any discrepancy between the Prices given in figures and words the Lower of the two shall be taken for our comparison.

Director NJIL&OMD, Agra reserves all the right to defer the above dates or cancel the Tender in part or whole without assigning any reason what so ever.

All terms and conditions of the tender/quotation will be dealt as per instructions guideline of Central Vigilance Commission.

For any further clarifications queries may be directed to the following e-mail ids - jalmadirector@gmail.com;

Arbitration:

1. All dispute or difference of any kind shall arise between the purchaser and the service provider in connection with or relating to the contract, contained herein, shall be mutually discussed and settled between the parties.
2. However, disputes which cannot be settled shall be finally decided and resolved by arbitration in accordance to the provisions of the arbitration and conciliation act 1996 and any subsequent amendments thereto. The matter requiring arbitration will be referred to a sole arbitrator to be appointed by the Director, NJIL&OMD only. The proceedings of the arbitration shall be conducted in English and shall be constructed as domestic arbitration under applicable laws.
3. All the disputes/issues arising out of this transaction will be subjected to the exclusive jurisdiction of courts at Agra.

Notices and communications:- For all purposes of all notices, the following address shall be used by the Bidder / Vendor:-

The Director,
National JALMA Institute for Leprosy and Other Mycobacterial Diseases (ICMR)
Dr. M. Miyazaki Marg
Tajganj, Agra-282004

If the vendor is declared insolvent / bankrupt in a court of law or such proceedings are contemplated by NJIL&OMD, Agra, the same will not be entitled to quote.

The acceptance of the tender/quotation will rest with the Director NJIL&OMD, Agra who does not bind himself to accept the lowest quotation and reserves the right to reject, or accept any or all the quotations received, without assigning any reason. The quotations are liable to be rejected, if any of the conditions are not complied with.

User List:- A signed list of similar equipment/items / stores supplied by the bidder (or the OEM) to the Other ICMR, CSIR labs, other medical Institutions like Government or any State and Central

Govt. Departments, Undertakings in India during last three years, should be furnished, indicating capacity, model, type of equipment/items, cost etc. and address of the parties to whom supplied.

The bidder shall supply the following documents at the time of Acceptance Test:

- I. Complete set of Technical/Operation and Maintenance Manual.
- II. Comprehensive inventory with list of accessories delivered.
- III. Node & connectivity details (if applicable).
- IV. Firm which will not full-fill the conditions accepted by them in their tender may be declared “black listed” and in that case all type of future business with that firm may also be stopped.
- V. If single response is received, than tender may be re- floated, however, second time again single response is received, than it can be considered with the permission of Director. The proprietary items will be accepted at first instance.
- VI. There should have numbering on each and every page of tender documents and list of enclosures should also be mentioned at first page of tender where details for tender is written along with the number of pages of enclosures to avoid any un-happening /confusion etc.
- VII. If quoted equipment/items or model is discontinued by the firm/mfg. after quoting the item, then the firm will inform to the office and after getting acceptance from NJIL&OMD, Agra , the firm will have to supply the equivalent or higher version of the same make at the same price, other terms and conditions of the tender will remain un-changed.

Service support:- The services are required to be provided at sites.

Payment terms:- No advance payment shall be made. 100% Payment will be released after successful installation & commissioning report of the equipment/items.

Customs duty: - The NJIL&OMD is exempted from customs duty under notification no.148/94-Cus dated 13.07.1994 as amended by notification No. 173/94-Cu, dated 6.10.1994. However the Institute will not pay any payment for customs duty. Custom clearing activities will be done by company / tenderer on their cost.

Binary Gradient High Performance Liquid Chromatography (Complete System)

1. Solvent Delivery System:

- Binary High Pressure Gradient pumps-Two individual Pumps for operations at analytical and semi-preparative mode.
- Flow Rate: 0.001ml/min to 10 ml/min or better in 0.001 ml/min increment
- Flow Rate accuracy: ± 1 % or better
- Flow rate precision less than $\pm 0.07\%$ RSD or better
- Pressure max.: 5000 psi or better
- Gradient Formation: High pressure Binary mixing
- Automatic rinsing of plunger must be available and it must have a leak sensor as safety feature.

2. Vacuum degasser and Mixer

- Standard degasser
- Mixing volume should be adjustable
- Suitable for high pressure, low pressure and semi micro applications

3. Injectors:

Injector: Manual Injector:

- Should have separate port for analytical and preparative injections.
- It should have racks for mounting preparative columns
- Preparative and analytical Rheodyne injector with 20 μ L, 100 μ L and 500 μ L loops

Autosampler: An auto sampler with fraction collector

- Sample injection volume: variable between 0.1 μ l to 100 μ l
- Should have 100 small (1-1.5 ml) vials capacity with injection speed 10-15 sec/sample.
- Injection volume accuracy within 0.5%, Precision: 0.3% RSD
- Maintenance kit should be quoted
- It should have a leak sensor, automatic rack and vial recognition as safety feature.

4. Column Oven

- Temp. setting range: ambient - 80 °C,
- Temp. control precision: ± 0.5 °C or better
- Solvent Preheating and Columns accommodation: minimum two

5. Detector: Photo Diode Array Detector:

- Must be capable of working in analytical and semi preparative mode
- Wavelength range: 190 nm - 800 nm or better
- The photo-diode array: 512 elements or more and resolution of 1.2 nm/element
- High Resolution and high sensitivity mode should be available
- The flow cells must be temperature controlled from ambient ± 5 °C to 50°C
- Wavelength accuracy should be ± 1 nm
- The Drift must be smaller than 1.0×10^{-4} AU/Hour/°C
- The Noise Level must be lower than 0.75×10^{-5} AU
- Automatic wavelength accuracy check at 4 wavelengths (UV & Vis) & wavelength correction
- Semi-prep flow cell
- Light source: Deuterium lamp with 2000 hr.

6. Columns:

- Analytical Column C18 (250 x 4.6 mm x 5 μ)
- Semi-prep column C-18 (150x10mm)
- Guard column

7. Sample & Solvent Filtrate Kit, Ultra sonic bath

8. Software

- It should include full one-point digital instrument control, qualitative and quantitative processing, report creation and self-diagnosis
- Software should be straightforward to use- 32/64 bit Windows 7/8 based software.
- Standard sample schedule wizard.
- There should be an on-line help function context sensitive
- The software should allow automatic execution of system checks, auto-purge and baseline checks.
- System suitability, System security as well as System check functions must be provided which comply with Good Laboratory Practice (GLP) and Regulatory Conformity

- Full 3D spectral analysis and validation software for should be available.

9. Data Management System

- Compatible computer workstation with latest processor and laser jet printer should be quoted. Compatible online UPS with one hour battery backup.

10. Accessories and Essential Consumables:

- All important accessories like tubings, fittings, spares and eluent Cartridges etc., required for smooth and complete operation of the system for at least 2 years should be supplied.

11. Optional:

- System should be upgradable to Quaternary and should be compatible with any other detector including MS.
- The supplier must provide training for the users of the instruments at site.

GENERAL TERMS AND CONDITIONS

1. Warranty: 3 years + 2 years CMC
2. Power supply (220-240v).
3. Deuterium lamp with 2000 hr. Life warranty or better
4. Electrical safety certification from ISO/CE/FDA equivalent National/International agency.
5. Certification for provision of service in the area/region
6. Affidavit for company not being blacklisted and also not having pooled with any bidder
7. Installation and demonstration of the equipment should be done free of cost.
8. Full and complete set of documentation manuals, Operation manuals and service / Maintenance manuals to be provided in English.
9. The price quotes under CIF at Agra.

Hematology Analyzer

1. Blood Cell Counter with Minimum 22 Parameters namely, WBC, LYM,
2. MID, GRA, LYM%, MID%, GRA%, RBC, HCT, MCV, HGB, MCH, MCHC, PLT, PCT, MPV, P-LCC, P-LCR, RDW-CV, RDW-SD, PDW-CV,
3. PDW-SD with 3 part Differential.
4. Throughput of at least 80 samples/ hour or more.
5. Results displayed within 55 seconds (between 40 - 60 sec).
6. Open Tube inlet with 125 μ l as well as pre-dilute blood with 20 to 25 μ l in to 5ml with Auto dispensing of reagent for dilution.
7. Facility of direct aspiration for capillary blood from finger prick.
8. Touch Screen for all functional operation.
9. Auto Loader for 50 samples or more at a time.
10. No start up or shut down default program.
11. .Choice of ID no. and or Sequential no.
12. Should have Bar Code Generation and reader facility (External as well internal)
13. Two Floating discriminator.
14. Dual Channel having two different measuring unit one for RBC and one for
15. Platelet & WBC.
10. HGB By photometry.
11. Based on two-reagent system only.
12. Volumetric measurement crosschecked by time.
13. Facility of Histogram in pre-diluted samples.
14. Quality control program and sample memory of 250 samples with histogram without external software support.
15. Warning flag on pathological samples.
16. Size distribution curve (Graph) or PLT, RBC & WBC.
17. Platelet count in same dilution as RBC.
18. Accurate result in low platelet counts or megathrombocytes.
19. Automatic check for all size distribution curve.

20. Automatic HGB blanking for each sample.
21. Service free or maintenance free closed sample Turn Valve.
22. Statistical check for PLT, RBC, WBC parameter.
23. User programmable print bottom function giving more than 5 different print
24. possibilities for user Selective print format.
25. Presence of STAT facility.
26. Should work with input 200 to 240Vac 50 Hz supply.
27. Appropriate compatible online UPS with 1/2 hour backup for equipment.
28. .Latest branded computer with latest Windows software. Storage of minimum 5000 sample data with histogram & scatterogram and compatible laser printer & UPS.
29. Input and output: External keyboard, USB keyboard, Parallel port, RS232 serial port can be connected to the network by external computer.

GENERAL TERMS AND CONDITIONS

1. Warranty: 3 years + 2 years CMC
2. Power supply (220-240v).
3. Electrical safety certification from ISO/CE/FDA equivalent National/International agency.
4. Certification for provision of service in the area/region
5. Affidavit for company not being blacklisted and also not having pooled with any bidder
6. Installation and demonstration of the equipment should be done free of cost.
7. Full and complete set of documentation manuals, Operation manuals and service / Maintenance manuals to be provided in English.
8. The price quotes under CIF at Agra.

Electrolyte Analyzer (Na/K/Cl)

1. Principle: Direct Measurement by Ion Selective Electrode (ISE)
2. Types of Samples: Analyser should have option to measure. Blood/Serum/Plasma/Urine /and other biological fluid.
3. Analysis: The Analyser should be able to measure Na, K, Cl.
4. Number of samples: Should have a throughput of minimum 50 samples per hour
5. Sample volume: 50-200 µl
6. Display: Large LED with backlight
7. Printer: Inbuilt Thermal Printer
8. Data Storage: Minimum 100 tests for periods of 3 months.
9. Alarms: Beep sound for completion of sample aspiration & visual alarm for reagent inventory.
10. Should have option to feed Patient Name and Patient ID.
11. Additional accessories/inbuilt accessories: Auto sample, Barcode reader
12. Should work on 200-240Vac 50Hz power supply
13. Should be supplied with on line UPS of 2KV for a minimum back up of 60 minutes
14. Should be provided with calibration certificate issued by the manufacturer at the time of installation and calibration certificate should be issued for the machine by the supplier during preventive maintenance visit in the warranty/AMC period.
15. Should have safety certificate from a competent authority

GENERAL TERMS AND CONDITIONS

1. Warranty: 3 years + 2 years CMC
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3. Electrical safety certification from ISO/CE/FDA equivalent National/International agency.
4. Certification for provision of service in the area/region
5. Affidavit for company not being blacklisted and also not having pooled with any bidder
6. Installation and demonstration of the equipment should be done free of cost.
7. Full and complete set of documentation manuals, Operation manuals and service / Maintenance manuals to be provided in English.
8. The price quotes under CIF at Agra.

Thermal Cycler (Gradient)

1. Gradient Thermal Cycler based on latest generation Peltier based heating and cooling system.
2. The system to be capable to use 96 well PCR plate / PCR Strip / 96 x 0.2ml tubes.
3. Sample Block should be made up of silver.
4. Temperature range should be : approx 4°C - 100°C
5. Temperature accuracy should be: $\pm 0.25^{\circ}\text{C}$
6. Should be able to test 6 or 12 different temperatures in gradient function.
7. Gradient range should be in between 30–100°C.
8. It should have average ramp rate of $2.5^{\circ}\text{C}/\text{sec}$ and maximum ramp rate of $4^{\circ}\text{C}/\text{sec}$.
9. Gradient temperature accuracy should be at least $\pm 0.5^{\circ}\text{C}$ of programmed target.
10. Row Temperature uniformity should be $\pm 0.5^{\circ}\text{C}$ well-to-well within 30 sec of arrival at target temperature.
11. Programmable Heat Lid: Heated lid should be programmable between 40 to 100 degree centigrade to perform oil free PCR.
12. Holding time: at least for 72 hrs.
13. Auto restart facility in case of power failure.
14. Programming: The system to have in built LCD colour with touch screen programming panel, allowing for easy intuitive graphical user interface.
15. On board Tm calculator facility to approximate the optimal annealing temperature.
16. Memory: Inbuilt storage capacity to store not less than 100 programmes. System to be open to expansion of memory via USB memory stick.
17. Security: The system to have provision to create separate user profiles protected by passwords.
18. System should be quoted along with online UPS at least 1 hr power backup.

GENERAL TERMS AND CONDITIONS

1. Warranty: 3 years + 2 years CMC
2. Power supply (220-240v).
3. Electrical safety certification from ISO/CE/FDA equivalent National/International agency.
4. Certification for provision of service in the area/region

5. Affidavit for company not being blacklisted and also not having pooled with any bidder
6. Installation and demonstration of the equipment should be done free of cost.
7. Full and complete set of documentation manuals, Operation manuals and service / Maintenance manuals to be provided in English.
8. The price quotes under CIF at Agra.

HIV-Viral load monitor (Real time PCR machine)

1. System should be able to perform multi-color detection within one reaction
2. System should work on Peltier based and throughput should be at least 48 tests per run.
3. System should have 4 or more excitation and emission filters with a provision for multiplexing.
4. System should be robust, reliable and maintenance free without day to day calibrations. Routine maintenance should be required once in two years.
5. Systems should be supplied with latest Pentium processor computer with 3GB RAM and color monitor. It should have an interface to laboratory host computer.
6. System software should be based on Windows XP and validated for IVD applications
7. System should be certified (“CE marked”) for use with IVD applications
8. System should be licensed for use with PCR and Kinetic PCR assays
9. System should have open channels for programming homemade assays using Taqman probe assays.
10. It should have on board laser transmitter and barcode reader.
11. Systems should be compatible for 220 V / 50 Hz power supply.
12. Ready to use CE-IVD & FDA approved kits should be available for Infectious diseases like HIV, HBV and HCV with high sensitivity, specificity and broad dynamic range.
13. Temperature range should be from 40°C - 100°C with a ramp rate of 1.2°C / sec or more.
14. System should use close tube process to avoid any cross contamination.
15. Performance of the system should be based on by adding homologous QS to each sample during sample preparation to get validated results and to monitor any PCR inhibition in the patient samples.
16. The user list from Government Institutes where the system is being used for HBV and HIV viral load testing should be provided.
17. Should include the offer for HIV,HBV (FDA approved kits) quantitative test assay for 7 years.

GENERAL TERMS AND CONDITIONS

1. Warranty: 3 years + 2 years CMC
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4. Certification for provision of service in the area/region
5. Affidavit for company not being blacklisted and also not having pooled with any bidder
6. Installation and demonstration of the equipment should be done free of cost.
7. Full and complete set of documentation manuals, Operation manuals and service / Maintenance manuals to be provided in English.
8. The price quotes under CIF at Agra.

Rotary Vacuum evaporator

1. Rotary Vacuum Evaporator should come with vacuum pump,
2. Rotation speed: 20-300 rpm,
3. Heating bath with stainless steel coating and with digital temperature display,
4. Temperature range: 20-100°C, Temperature deviation +/- 2 degree C,
5. Volume of heating bath- 4 to 5 ltr,
6. Wireless contact for supply of power
7. Evaporation flask capacity 50 mL – 1000 mL and should be able to use same joint adapter without additional connections.
8. Motorized quick action jack for lifting up down.
9. Vertical condenser assembly with chemical resistant.
10. All glass components should be stress relieved and made up of borosilicate glass.
11. Vacuum pump: Compatible with rotary vacuum evaporator, Single stroke speed control. Two stages and double diaphragms. Sound proofing with sound level not greater than 50db.

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1. Warranty: 3 years + 2 years CMC
2. Power supply (220-240v).
3. Electrical safety certification from ISO/CE/FDA equivalent National/International agency.
4. Certification for provision of service in the area/region
5. Affidavit for company not being blacklisted and also not having pooled with any bidder
6. Installation and demonstration of the equipment should be done free of cost.
7. Full and complete set of documentation manuals, Operation manuals and service / Maintenance manuals to be provided in English.
8. The price quotes under CIF should also include the expected installation cost in the NJIL&OMD at Agra.

Single Pan microbalance

1. Microprocessor based monopan precision balance with 120 g weighing capacity
2. High sensitivity with 0.1 mg readability and high accuracy
3. One touch calibration and taring, internal calibration,
4. corrosion resistant pan with Approx. 8 cm diameter,
5. LED display
6. Auto environment adjustment setting and transparent cabinet for wind protection
International Regulatory Certification
7. Safety Features: Protection against dust and water, Over-load protection, Chemical-resistant body,
8. Power supply upto 240V /50 Hz

GENERAL TERMS AND CONDITIONS

1. Warranty: 1 year
2. Power supply (220-240v).
3. Electrical safety certification from ISO/CE/FDA equivalent National/International agency.
4. Certification for provision of service in the area/region
5. Affidavit for company not being blacklisted and also not having pooled with any bidder
6. Installation and demonstration of the equipment should be done free of cost.
7. Full and complete set of documentation manuals, Operation manuals and service / Maintenance manuals to be provided in English.
8. The price quotes under CIF at Agra.

-80 degree Vertical deep freezer

1. Type: Microprocessor control, upright ultra deep freezer
2. Temperature range: - 70° C to -86 ±2°C.
3. Capacity: 450 litres to 500 litres
4. Refrigeration system: Cascade, CFC free refrigeration system.
5. Display: Eye level Digital LED display
6. Alarm system: audible/visual alarm to monitor power, high/low temperatures, door open
7. Cabinet: Heavy gauge stainless steel cabinets with rounded interior corners
8. High density insulation
9. Set point Security: Key operated switch for main power and alarm.
10. Shelves: 3 to 4 interior covered compartments
11. CO₂ back up system

GENERAL TERMS AND CONDITIONS

1. Warranty: 3 years + 2 years CMC
2. Power supply (220-240v).
3. Electrical safety certification from ISO/CE/FDA equivalent National/International agency.
4. Certification for provision of service in the area/region
5. Affidavit for company not being blacklisted and also not having pooled with any bidder
6. Installation and demonstration of the equipment should be done free of cost.
7. Full and complete set of documentation manuals, Operation manuals and service / Maintenance manuals to be provided in English.
8. The price quotes under CIF at Agra.

Liquifier nitrogen Gas generator

1. PSA N2 Generator [PLC CONTROLLED]
2. Flow Rate : 20 - 25LPM
3. Pressure : 0.2MPa
4. Purity : 99%
5. Dew Point : less than – 60OC
6. 2HP dry piston compressor [OIL FREE] , receiver tank with Auto drain & with auto cut off
7. Buffer Tank or Receiver for Nitrogen
8. Dryer
9. Rota meter, Pressure regulator, pressure gauge, and Feed Connection Fittings
10. Size: 800L X 800B X 1500H
11. Noise : Less than 65 dbA
12. Power : 220 VAC, 50 Hz, 2kW
13. Mounting : Castor Wheels
14. Output : Provision for regulated output
15. Should be compatible with chillier from Iwatani Make (already installed in the institute) for production of liquid nitrogen .
16. Should be quoted as buy back option.

GENERAL TERMS AND CONDITIONS

1. Warranty: 3 years + 2 years CMC
2. Power supply (220-240v).
3. Electrical safety certification from ISO/CE/FDA equivalent National/International agency.
4. Certification for provision of service in the area/region
5. Affidavit for company not being blacklisted and also not having pooled with any bidder
6. Installation and demonstration of the equipment should be done free of cost.
7. Full and complete set of documentation manuals, Operation manuals and service / Maintenance manuals to be provided in English.
8. The price quotes under CIF at Agra.

Annexure “B”

S. No.	Place of Instalation	District Head Quarter
1	NJIL&OMD, Agra	NJIL&OMD, Agra

Price bid

S. No	Item	Required in numbers	Price quoted in INR
1			In figures : In words:
2			In figures : In words:
3			In figures : In words:

I agree to the above.

Signature of Tenderer _____

Name _____

Business Address _____

Seal of the Tenderer _____

Place: _____

Annexure D

Price schedule for AMC and CMC after warranty period for Instruments to be procured.

1	2	3	4				
Name of Equipment	Brief description of Services	Applicable Taxes	Annual Comprehensive Maintenance Contract /Annual Maintenance Contract Cost for Each Unit year wise*				
			Year after warranty				
			Ist	IIInd	IIIrd	IVth	Vth
	CMC						
	AMC						

After completion of Warranty period

NOTE: -

1. The Comprehensive Maintenance Contract (CMC) shall include preventive maintenance including testing & calibration as per technical/ service /operational manual, labour &parts, for complete equipment and its allied items.
2. The price for AMC/CMC should be inclusive of all taxes.
3. All software updates should be provided free of cost during AMC / CMC period.
4. The supplier shall keep sufficient stock of spares required during AMC / CMC period.
5. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Signature of Tenderer: _____

Place: _____

Date: _____

Business address _____

Seal of the Tenderer _____

Annexure E

After Sales Service Support Details

S.No	Local Address, Telephone numbers, Fax numbers and email address of the agent who will provide after sales support as per Annexure B	Number of engineers / service personnel who are stationed at the local address as per Annexure B	Nature of training imparted to the service personnel especially at the principal's company

In case the bidder is not able to provide after service and support at the district head quarters as per Annexure B they should provide a viable alternative plan for the same. The bidder has to ensure that no machine should remain non functional for more than a week due to want of repairs or any kind of technical issue.

Signature & seal of bidder

Annexure F

WARRANTY CERTIFICATE

We Warrant that everything to be supplied by us hereunder shall be brand new, free from all defects and faults in materials, workmanship and manufacture and shall be of the highest grade and quality and consistent with the established and generally accepted standards for material of the type ordered shall be in full conformity with the specification, drawing, or samples, and operate properly. We shall be fully responsible for its efficient operation. This Warranty shall survive inspection of any payment or and acceptance of the goods but shall expire after (except in respect of complaints of which the contractor has been notified prior to such date) 36 months Comprehensive warranty after their successful installation, commissioning and acceptance.

The obligations under the Warranty expressed above shall include all costs relating to labor, spares, maintenance (preventive and unscheduled) and transport charges from site to the manufacturers work and back and free repair/adjustment or replacement at site or any parts of the equipment which under normal and proper use and maintenance proves defective in design, material or workmanship or fails to conform to the specifications previously given by the NJIL&OMD, Agra to the contractor.

Signature & seal of bidder

Note: It should be provided in the letter head of the firm / company.

Annexure G
Check List to be furnished by the bidder

S. No	Particulars	Compliance (Yes/No)	Page No.
1	Whether the proof of turnover is enclosed (balance sheet) & PAN No.		
2	For Two Bid System – Whether Techno commercial and Price Bids are kept in separate envelopes duly indicating Techno – Commercial Bid and Price Bid respectively		
3	Whether Tender Number, due date and opening date have been written in all the envelopes		
4	In Case of Tenderers who downloaded the documents from the website – Whether the tender document fee (Demand draft in favour of Director, NJIL&OMD, Agra is enclosed along with Techno commercial bid		
5	EMD – Whether the required EMD is Enclosed along with the Techno commercial bid		
6	If You are an Indian Agent / Dealer / Distributor for a foreign principal have you enclosed the Letter of Authorisation / Agency certificate in the Techno Commercial Bid.		
7	Whether Technical compliance Statement in Annexure A is enclosed in the Techno Commercial Bid		
8	Whether the price bid submit as per Annexure C		
9	Whether Details of After sales support is given as per format in Annexure D and is enclosed in the Techno Commercial Bid		
10	Whether Price schedule for AMC and CMC after warranty period for all the items enclosed as per Annexure E		
11	Whether the warranty certificate is enclosed as per Annexure F and is enclosed in the Techno Commercial Bid		
12	Whether the List of Users is given as per Annexure H and is enclosed in the Techno Commercial Bid.		
13	Whether the Under taking certificate submitted by the manufacturer as per Annexure I		
14	Whether the Pre-installation requirements is given in the Techno Commercial bid		
15	Whether the Price Bid has been signed in every page		

Signature & seal of bidder

Annexure H

List of Users preceding this tender (If possible similar equipment)

S. No	Order for similar Equipment placed by (full address of purchaser with contact person, Telephone number)	Purchase Order Number and Date	Description, model and quantity ordered	Date of completion of delivery as per contract and Date of installation / commissioning as per contract	Reasons if any, for delay in delivery, installation and commissioning

Signature & seal of bidder

Annexure I

Undertaking (To be submitted by the manufacturer on Rs. 100 stamp paper duly notarized)

1. I undersigned certify that I have gone through the Terms & Conditions mentioned in the tender document including annexure and undertake to comply with them. The rates quoted by me/us are valid and binding on me/us for acceptance for the period of one year from date of opening of tender.
2. Earnest money deposited by me/us viz Rs. _____ in the form of Demand Draft /Banker's Cheque in favour of Director NJIL&OMD, Agra is attached herewith and shall remain in custody of the Director NJIL&OMD, Agra as per terms and conditions.
3. I/We give the rights to Director, NJIL&OMD, Agra to forfeit the EMD deposited by me/us if any delay occur on my/agent's part or fails to supply the article at the appointed place and time and of the desired specification.
4. There is no vigilance/CBI case or court case against firm regarding supply and service related issues is pending.
5. On Inspection if any article is found not as per supply order, it shall be replaced by me/us in time as asked for, to prevent any inconvenience at my /our own expenses.
6. I/we hereby undertake to supply the items as per specifications and directions given in supply order within the stipulated period.
7. I/we undertake to provide guarantee/warranty/ AMC/CMC as mentioned in specifications for three years from the date of satisfactory installation and inspection. I also undertake that I will maintain the equipment during this period and replace the defected parts free of cost, if necessary.
8. I/we understand that Director, NJIL&OMD, Agra has the right to accept or reject any or all the tenders without assigning any reasons (s) thereof.

Name, Signature & Address of the tenderer

With rubber stamp

Note: Undertaking can be submitted by the authorized distributor for imported products if there is no marketing office of principal companies available in India.