REGIONAL MEDICAL RESEARCH CENTRE, N.E. REGION (ICMR),
Post Box No 105, DIBRUGARH –786001, ASSAM, INDIA

No. No. RMRC/DIB/S&P-14(advt.1/Project)/2011-12/ Date:

Notice Inviting Sealed Tender:

The Director, Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh, Assam invites **Sealed Tender** in double bid system i.e Technical and Price Bid from the reputed foreign/ Indian manufacturers, authorized dealers/ stockists and in case of imported item from their authorized Indian agent for supply & satisfactory installation of the following Instruments/ equipments for its Research Centre. Interested suppliers are requested to send Rs. 200/= by crossed demand draft as tender money for whole tender paper and EMD as mentioned below in favour of the Director, Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh separately along with the quotation (in technical bid).

Sl. No.	Name of the Equipment	Specification
1	**Class I Biological Safety Cabinet**	• It should provide personnel and environmental protection. • It is similar in air movement to a chemical fume but usually has a limited fixed work access opening and the exhaust air must be HEPA filtered to protect the environment. • Designed for general microbial research • The work zone should be smaller than a chemical fume hood • suitable for recirculation cabinets. • Work bench should be chemical resistance • Cleanline: Class 100 • Particle retention : 0.3 micron • Velocity : 90FPM + 20% • Illumination : 750 - 800 lume • Noiselevel **:** 60-65 decibels • Standard : FED 209E • Power supply : 220v single phase
2	**Refrigerated Centrifuge**	-Max. 14,000 rpm -Temperature Range : 0˚to+ 40˚C -Fast Temp function for rapid pre-cooling -System should have technology reduces vibrations and protects precious sample -ECO shut-off function to reduce power consumption
3	**Table Top Centrifuge**	• Max.RPM 5,500 RPM • Max.RCF 5, 580× g • Max. capacity 480 ml, 15ml×32 Tubes,2 to 1.5 ml tubes • Microprocessor controller • Running Mode should be RPM/RCF • Programmabilit: 20 Memory • Timer: 99Hr. 59min.& Hold for long run • Brushless DC Motor drive • Accel rates: 10 profiles • Decel rates: 10 profiles • Safety device: Over speed protect., Over load Protect ,Unbalance detector • Power:220V, 50/60Hz
4	**Incubator (37°C)**	• Temp Range: 5˚C to 70˚C • Temp. Accuracy: +/-0.2 ˚C at 37˚C. • Temp. Controller: Digital P.I.D. controller. • Display: Dual LED display. • Capacity: Minimum 155 liter. • Material (IN): Stainless steel. • (OUT):Steel plate with powder coating. • Door: Double door, silicone packing magnet door. • Inner door: Tempered safety glass door. • Circulation Fan: Internal convectional fan. • Shelves:3EA, adjustable type. • Safety device: Exclusive over temp. protector.

		• Power:220V, 50/60Hz.
5	**Inspissator**	• Standard temperature: 85°C • Temperature Display: LED • Operating Temperature range: Ambient +5 to 90 °C • Display resolution: 0.1 °C • Uniformity: tray surface: ±0.7 °C • Tank capacity (Nominal): 20 to 45 liters • Over temperature protection: Fixed cut-out
6	**Vortex Mixture**	Circular orbit Powerful motor Standared cup 220/230 V Ac
7	**Hot Air Oven**	• Type: Mechanical Convection • Temp Range: 5˚C to 220˚C • Temp. Accuracy: +/-1 ˚C at 150˚C. • Circulation Fan:20W Blower Fan. • Capacitry:40 to 48 liter. • Shelves:2EA,SUS plate type. • Power:220V,4A,1KW,60Hz. • Temp. Controller: Digital P.I.D. controller. • PID setting: Auto tuning. • Display: LED display • Material (IN):Stainless steel • (OUT): Steel plate with powder coating. • Door: Silicone packing door with window. • Safety device: Exclusive over temp. protector
8	**Hot Plate**	• Speed Range: 30 -1500 RPM • Temp Range: Ambient to350˚C • Temp Controller :Hydraulic Thermostat • Interchangeable plate heater • Plate Area: 180×180 mm • Top Plate: Ceramic coated plate • Power: AC220V, 3.7A, 50/60Hz
9	**Ultra Low Temp. Freezer (-80°C)**	• Hermetically sealed cooling system • Minimum of 100 to 130 mm polyurethane foamed insulation • Heavy duty casters with built in adjustable stand • Cabinet with round corner for easy cleaning • Easy to clean condenser filter • Running fans and compressor with low noise level. • Temperature range: -40˚ to -90˚ C • Chest type • Capacity : Minimum of 190 lit • Noise level: ±60 dBa
10	**Water Still (Distilled Water Plant)**	Bench top Cap. 2 lit Double walled , Stainless steel
11	**Electronic Balance**	• Maximum Capacity :400 to 420g • Minimum display : 0.01g • Readibality: • Pan size (mm): Minimum of 100 to 110dia. • Quick level indicator • Micro switch key pad • Accurate high precision weighing technology
12	**Pipette Ard Standard Model**	Single channeled adjustable volume, dispensing error <±1%) Spring loaded tip cone, tight to fit universal tips in each category, ergonomic design Adjustment opening for specific liquids and volume Secondary adjustment for specific liquid. Light weight piston made of Forton Ejector should be smooth with ergonomic design Volume display: four digits Fully autoclavable . **Capacity**: A. 10-100ul B. 100-1000ul
13	**Pipette Ard with 0.2**	Single channeled adjustable volume, dispensing error <±1%)

	micron filter	Spring loaded tip cone, tight to fit universal tips in each category, ergonomic design Adjustment opening for specific liquids and volume Secondary adjustment for specific liquid. Light weight piston made of Forton Ejector should be smooth with ergonomic design Volume display: four digits Fully autoclavable . **Capacity**: A. 0.5-10ul B . 10-100u C. 20-200ul D. 100-1000ul
14	**Micropipette**	Single Channeled adjustable volume, dispensing error <±1% Spring loaded tip cone, tight to fit universal tips in each category, ergonomic design Adjustment opening for specific liquids and volume Secondary adjustment for specific liquid Light weight piston made of Forton Ejector should be smooth with ergonomic design Volume display: Four digits Fully autoclavable. **Capacity:** A. 0.5 – 10ul B. 10 – 100ul C. 20 – 200ul D. 100 – 1000ul
15	**SSCP Apparatus with Power pack and Accessories**	Cooling chamber with cooling recirculation port Platinum electrode Long lasting silicone guscate, Safety cover with attached retraceable sheath power leads Spring clamp, 2 number of 2 Well combs and 2 number of 10 well combs, two spacer, 2 sets of glass plates and 2 length of Gel wraps Gel size 10cm x 8cm Power Supply: Mini power supply with timer, CV or CC 10-300V, 220V/50Hz, Current range: 4-500mA
16	**Deep Freezer**	VERTICAL TYPE Condenser with low energy consumption. No Dust Low noise. Combination of pull out drawers and fast freeze shelves. Control panel with thermometer or temperature warning light. Thermostat Fast freeze button and lamp Mains warning lamp Double door CFC free heavy duty compressor Minimum of 8 shelves Gross capacity: 300 to 400 Lt
17	**Software for epidemiological analysis**	• Logistic regression Conditional logistic regression • Variable case/control ratio across matched sets • Variably-sized matched sets • Poisson regression Logistic Regression with Random Effects • Betabinomial regression • Logistic-normal regression • Logistic-binomial regression • Logistic-binomial regression for distinguishable data • Test for excess variation. • Cox proportional hazards regression • Stratified risk sets • Staggered entry times • Three types of time-dependent covariate • Test for proportional hazards • Parametric Regression for Failure Time Data • Exponential Regression • Weibull Regression • Model both scale and shape parameters

		• Test for Weibull distribution • Exact 2 x k contingency table analysis: • Unstratified Data: • Exact and asymptotic hypothesis tests and confidence intervals for odds ratios. • Exact and asymptotic test of association against both trend and general alternatives. • Stratified Data: • Exact and asymptotic tests for homogeneity of odds ratios, • Exact and asymptotic Mantel-Haenszel inference for a common odds ratio, • Asymptotic tests of association against trend and general alternatives. • Kaplan-Meier analysis: • Staggered entry times • Kernel-smoothed hazard functions • Create matched-sets data file with randomly selected controls from risksets. **egression Features:** • Automatic creation of dummy-variable main-effect and interaction terms from specified factor variables. • Additive risk, relative risk, or additive-relative risk, depending upon specified analysis model. • Deviances, p-values, standard errors, likelihood ratio tests, odds ratios, conditional odds ratios confidence intervals, and conditional confidence intervals, and user-selectable confidence coefficients. • Term-wise Wald tests, score tests, model extensions, offset term, and time-dependent offset term. • Forward and backward stepwise regression. • Time-dependent covariates: • Multiply regression terms by log(time) or time; • Time-dependent factors (dummy variables), • Time-dependent interpolated and step functions; • Staggered entry times. • Define up to 20 complex time-dependent covariates at one time. • Fitting algorithm options: Newton-Raphson, modified Newton-Raphson, quasi-Newton, or Nelder-Mead simplex. **ost-fit Diagnostics:** • Fitted values and delta-betas plotted and in spreadsheet format • Plots Available: • Scatterplots • Standardized/unstandardized delta-beta plots. • Flag and identify observations with extreme delta-betas. • Fitted value plots • Kaplan-Meier and post-Cox regression plots: • Survival and failure curves, • Cumulative and log-cumulative hazard curves • Delta-beta and/or fitted value plots available for logistic, conditional logistic, random-effects logistic regression, Cox Proportional Hazards, and Poisson regression. • Save plots in both BMP and JPEG formats. Calculation of power and sample size estimates for the nonlinear regression . Having the built-in Monte Carlo features to check analytical estimates and to derive empirically based estimates. And display-only graphics to allow to view ranges of estimates.
18	**Deepfreeze**	**CONSTRUCTION FEATURES**

		• Must include NON-CFC REFRIGERANTS • 17 – 18 cu. ft. capacity Upright, with (2) 1 horsepower compressors • **Double Door** access for product protection, with four inner doors • New latch and handle for ergonomic handling and one hand operation • Durable Stainless Steel interior with Inner doors. • Down-feed evaporator, surge tank for extra capacity • Adjustable solid Stainless Steel shelves • Triple -sealing silicone door gasket • At least 5" non-CFC foamed-in-place polyurethane insulation; 4.5" in door • At least Two 10" tubeaxial fans to provide maximum cooling of the compressor housing • Heavy-duty dual wheel swivel locking casters. • Automatic voltage compensator responds to high and low voltages • Powder coat paint for a durable surface • Service valves provided to allow easy recovery of refrigerants and field servicing. • Front to back airflow with Removable, cleanable air filter • Hinged grill swings out for easy access to filter and battery • A vacuum relief port allows easy re-entry after door openings • At least 4" open x 12" long heavy duty hinge for ensuring positive closure and uninterruptive service **TEMPERATURE CONTROL** • The microprocessor controller must monitor in one degree C increments, with digital display. • Eye Level Information center for At-a-Glance Monitoring • Temperature probe must be positioned to insure the alarm sounds before the stored product can be affected by a rise in temperature. • Battery back-up for the alarm monitoring system • Both visual and audible alarms must alert operator of over and under temperature, power fail, door ajar, and low battery conditions. • Dry contacts included for connection to optional remote alarms. • Optional eye level recorder mounted in the door or optional data logger **CERTIFICATIONS** Manufactured by an ISO-9001 company

Terms & Conditions:

1. Tenders are requested to give detailed tender separately for each item in their own forms under two bid systems - Technical and Financial Bid in two separate sealed envelopes super scribing the name of the equipment & Sl. No as mentioned in the tender paper on the envelope such as "Quotation for (Name of the item)". The tender should be dropped in the **Tender Box** kept in the Reception Room of the Administrative Building of the Centre.

The rate should be quoted in INR.

Combined Tenders submitted for more than one item will summarily be rejected.

2. Non-refundable **Tender Fee** of Rs.200/= (Rupees two hundred only) **(Only one DD of Rs. 200/= for all items)** for in the form of demand draft in favour of Director, Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh must be enclosed with the tender (Technical Bid). Otherwise the tender will not be considered.

3. For item costing more than Rs.3.00 (three) lakhs only, an amount equal to **2% (two percent) of the cost of quoted item will be required for deposit as Earnest money** along with tender "Technical Bid" **only by Bank Guarantee** in favour of Director, Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh.

(i) For item costing more than Rs.3.00 (three) lakhs, an amount of equal to **10% (ten percent) as Security Deposit in case of accepted tender for the "Warranty Period"** in form of Bank draft in favour of the Director, Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh, or bank guarantee for cost of the item failing which the offer is liable to be ignored. Cheque will not be acceptable.

4. The Technical Bid should accompany with complete specifications, Manufacturer's name, address and relevant Literature / Brochures with WARRANTY terms & EMD etc.

5. The make/ brand and name and address of the manufacturer, country of origin, are to be mentioned.

6. Details of onsite warranty, agency who shall maintain warranty and undertake Annual Maintenance Contract / Comprehensive service Maintenance contract beyond warranty shall be given in the offer. Details of services rendered as well as after-sales services offered are to be made clear in the technical bid.

7. Indicate the names of the reputed Indian Organizations where similar equipment was supplied and may attach the satisfactory performance report of the equipment from user Organization.

8. If similar or identical equipment was supplied to other ICMR Labs/ Institutes, the details of such supplied for the preceeding three years may also be given together with the price eventually or finally paid.

9. The Tenderer is required to furnish the Permanent Account Number (PAN) allotted by the Income Tax Department. If registered with the National small Industries Corporation, the registration number, purpose of registration ands the validity period of registration etc. should also be provided in Technical Bid.

10. The Tenderer has to state in detail the Electrical Power / UPS requirements, floor Space, head room, foundation needed and also to state whether Air-conditioned environment is needed to house the system etc. and to run the tests, i.e pre-installation facilities required for installation in the technical bid.

11. Cost of the items should be mentioned clearly in the Commercial Offer only. The optional and any other essential items / accessories required for the maintenance of the equipment for the next THREE years should also be specified in the commercial offer separately.

a) Packing, Forwarding, Freight & Insurance and Commissioning charges, if any extra, may be quoted separately in Commercial Bid.
b) In case if the quote is F.O.R / F.O.B basis, estimated insurance coverage charges may please be indicate.

12. RMRC, Dibrugarh will not be responsible for delayed / late quotations submitted / sent by Post / Courier etc.

13. Kindly mention the charges for AMC / Comprehensive Maintenance contract separately in Commercial bid (for post warranty period) upto 10 years after expiry of the warranty.
Discount on all spares have to be specified during warranty period.

14. Tenders, which are submitted without following the Two-Bid offer system -
a) Late / Unsigned / incomplete Tenders
b) Conditional Offers
c) Tenders submitted by Fax / E.mail / Telegraphic if not accompanied Bid Security/EMD, will summarily be rejected.

15. Descriptive catalogue and technical details, if any for the equipment should be submitted along with the quotations. Please also state the accessories required to be supplied along with the main instruments, if any

16. Manufacturer Certificate, if the firm is a manufacturer or authorized dealership certificate from the principal is to be submitted along with the quotation.

17. Quotation in duplicate for each item must be submitted separately under proper sealed cover.

18**.** The price should be FOR, Dibrugarh. The equipment has to be delivered at RMRC, premises. Unloading the item from the transport under risk of supplier.

(A) RMRC will not take any responsibility FOR collection of Road Permit or any other documents pertaining to delivery of such articles. The supplier has to arrange of their own.

19. The firm/ supplier should submit guarantee letter of the spares or related chemicals/kit etc. of the respective equipment that the same will be available for next 10 years.

20. The firm should give a 5 years Warranty of the item (3 years general and 2 years extended warranty).

21. The **payment will be made to the party/ firm after proper installation of the equipment.** No part or advance payment is admissible. While submitting the quotations extra charge prevailing towards custom duty should also be mentioned/ quoted in each item.

22. Quotation rate should remain valid at least for 6 (six) months from the date of submission of the tenders/ quotation.

23. Authority reserves the right to accept or reject any tender quotation without assigning any reason.

24. The pre-requisite material, which will be required, should be quoted separately.

25. Please **mention the VAT charges separately in the quotation and TIN No etc for deducting the VAT charges** in this Centre.

26. The equipment should have good performance record/recommendation from at least two government research/academic institutions of repute and should submit reports with regard to the following for a period of 5 yrs.
– Performance of the equipment
- Post-sales service

27. Dealers should undertake to provide expert qualified engineers for maintenance/support within 24 hours of receiving a complaint.

28. The vendor quoting for the tender should either be the original equipment manufacturer (OEM) or the vendor should be having a joint venture with the OEM for more than Five years .The vendor quoting the tender should produce in original an undertaking from the OEM that the OEM shall have the vendor quoting the tender as his distributor for next 10 years. and in case Distributor defaults in service , OEM shall directly take up On-site support services at the same terms and conditions as agreed with Distributor.

29. The Quotations will be opened as follows (except of any unavoidable circumstances). The Tenderer/Representative may present at the time of opening of quotations on the following dates from 2.00 PM onwards.

Item Sl. No.	Date of Opening
1 to 18	01-02-2012

30. **The last date of submission of tender/quotation: 30.01.2012**