



**STRATEGIC ALLIANCE**  
Management Services Private Limited

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RFQ No. SAMS/FIND/Lab Equipments/PROCT/LT/26/2015  
Dated: 21/08/2015

## **Limited Tender for Procurement of Laboratory Equipments**

### **REQUEST FOR QUOTATIONS (RFQ)**

To,

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Dear Sir,

The **Strategic Alliance Management Services Pvt. Ltd. (SAMS)** has been engaged by Foundation for Innovative New Diagnostics (FIND), India for providing procurement consultancy services for equipment, goods, works and services for use in TB Laboratories across India under GFATM Project. Accordingly, SAMS on behalf of FIND is pleased to invite **Quotation for Supply of various laboratory equipment**, as per detailed specifications enclosed at Annexure-I, on CIP-Final Destinations terms of delivery basis, as per schedule of requirement enclosed at Annexure-III.

The SAMS hereby request you to submit your Quotations giving in full specifications, name of the manufacturer, catalogue etc. as per our terms and conditions enclosed herewith, latest by **28<sup>th</sup> August, 2015 till 3:00 PM.**

Schedule No.	Sl. No.	Particulars of item	Unit	Quantity
I	1	Universal oven 32L (for DNA	Nos.	3
	2	Universal Hot-air oven (for autoclave room- disinfection	Nos.	4
	3	Thermometer for oven	Nos.	7
II	1	Water bath	Nos.	7
	2	Bench top pH meter	Nos.	3
	3	Vortex Mixer	Nos.	7
	4	Microliter Centrifuge	Nos.	6
	5	Microfuge / minispin for 0.2-2ml tubes for short-rapid spin	Nos.	3

The quotations with at least 3 months of validity may be sent in double cover duly wax sealed and prominently subscribed "**RFQ No. SAMS/FIND/Lab Equipments/PROCT/LT/26/2015**" to be opened on **28<sup>th</sup> August, 2015 at 03:30 PM.**

The quotations, which are not received duly sealed, mentioning this office letter number and last date of receiving will not be accepted. **The firms must ensure that besides all these terms and conditions enclosed herewith, the following documents must be submitted in the chronological order (strict compliance) to show their credentials against required qualifications and to avoid rejection of tenders.**

- i. Forwarding letter clearly mentioning the authorized signatory, total number of pages, the model quoted, quotation validity undertaking of 3 months, which can be extended on mutual consent.
- ii. The instruments such as power of attorney, resolution of board etc., authorizing an officer of the bidder and verifying his signature, duly signed by the Authorized signatory of the company/firm. Only such authorized officer of the bidder should sign the tender documents.
- iii. Manufacturer's authorization form as per format attached (Annexure IV) with RFQ/ certificate of authorized dealership.
- iv. Copy of the incorporation / registration certificate issued by an appropriate authority
- v. Technical compliance statement of quoted equipment against required specifications of RFQ, as per format enclosed under technical specifications at Annexure-I.
- vi. Warranty for 3 years from the date of Installation must be given (No conditional warranty shall be accepted).
- vii. Technical Catalogue / brochure of item quoted as per proposed specifications.
- viii. Documents regarding quality standard (example ISO, BIS, CE, US FDA, electrical safety standards etc.) as per the quality criterion specified under Technical Specifications.
- ix. Details (address and contact details) of service centers/ branch offices available in India.
- x. Copies of Purchase Orders issued to your firm, showing experience of the supply and after sale service support for at least two similar contracts for the items included in this RFQ over the period of last three years.
- xi. At least two Client's Certificate for satisfactory / timely supply and installation of similar equipment, during last three years.
- xii. Annual turnover statement for last 3 financial years (2012-13, 2013-14, 2014-15) duly certified by the Chartered Accountant/ Income tax return certificates/ financial statement.
- xiii. VAT/ Excise/Sales tax/Income Tax registration and clearance certificate.

It should be addressed and submitted to the "STRATEGIC ALLIANCE MANAGEMENT SERVICES PVT. LTD. (SAMS), 1/1 B, Choudhary Hetram House, Bharat Nagar, New Friends Colony, New Delhi 110025, INDIA" and should reach this office **on or before 28<sup>th</sup> August, 2015 till 03:00 PM.**

Yours sincerely,  
**For Strategic Alliance Management Services Pvt. Ltd.**

**(Sanjay Rastogi)**  
**Associate Director (MCS)**

**TERMS & CONDITIONS AND INSTRUCTIONS TO THE BIDDER (ITB)**

1. Sealed tender superscribed "**Limited Tender for Procurement of Laboratory Equipments**" are invited for the detailed in the Schedule (attached herewith) to the "STRATEGIC ALLIANCE MANAGEMENT SERVICES PVT. LTD. (SAMS), 1/1 B, Choudhary Hetram House, Bharat Nagar, New Friends Colony, New Delhi 110025, INDIA".
2. The bidder is expected to examine all instructions, forms, terms and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the bidder's risk and may result in the rejection of its bid.
3. The tender is to be submitted alongwith duly signed Terms & Conditions & ITB in a sealed cover which must be clearly marked with the "**Limited Tender for Procurement of Laboratory Equipments**" and the due date for its opening. The cover should be addressed to **STRATEGIC ALLIANCE MANAGEMENT SERVICES PVT. LTD. (SAMS), 1/1 B, Choudhary Hetram House, Bharat Nagar, New Friends Colony, New Delhi 110025, INDIA.**
4. The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the bidder, in which case such corrections shall be initiated by the person or persons signing the bid.
5. Each bidder is entitled to submit only one tender wherein he can, if necessary indicate alternative quotation. In case where more than one tender in a specified group is submitted by him will be liable to rejection.
6. In the event of the space on the prescribed form being insufficient for the required purposes, additional page must be numbers of consecutively bear the tender number and be fully signed by the bidder. In such cases reference to the additional pages must be made in the tender form.
7. The tender must reach this office strictly not later than **28<sup>th</sup> August, 2015 till 3:00 PM** & the bid must be received by the address specified & no later than the time and date specified in the invitation forbids. In the event of the specified date for the submission of bids being declared a holiday for the purchaser, the bids will be received up to the appointed time on the next working day.
8. It is the responsibility of the bidders to see that the complete bidding documents, whether sent by post or by courier or by person are received by the time and date stipulated for receipt failing which the bid would be considered late and rejected.
9. Any bid received after the deadline for submission of bids prescribed will be rejected and/or returned unopened to the bidder.
10. The bidder may modify or withdraw its bid after the bid's submission provided that written notice of the modification or withdrawal is received by the purchaser prior to the deadline prescribed for submission or bids.
11. No bid may be modified subsequent to the deadline for submission of bids.
12. All supplies should be subject to inspection on receipt and purchaser shall have full discretion to accept or reject. Rejected supply should be removed within 15 days from date of intimation otherwise it will be disposed off in any manner deemed fit by the SAMS/FIND/ Consignees.

13. If the firm fails to supply the items ordered within the stipulated period. The firm will be debarred from SAMS approved vendor list for next three Years.

14. The conditions of the bidder shall not be binding to the SAMS.

15. **Delivery schedule –Delivery/ installation should be completed before 30<sup>th</sup>September 2015.**Bidder should clearly mention about the delivery period, if supplier is unable to supply the goods before stipulated time (**before 30<sup>th</sup> September, 2015**) will be treated as non-responsive. Delivery of goods to be carried out as per the **Consignee Distribution List** (Enclosed at **Annexure III**).

16. **Terms of Delivery-**

**CIP- final place of destination** as per Consignee Distribution List.

- a. The responsibility of arranging all required documents for supply of goods till final place of destinations, including Road Permits, unloading of equipment and shifting inside laboratory etc. is of the Supplier. The SAMS may only facilitate the Road Permits/ declarations for the same.
- b. **The payment of any kind of taxes, octroi, entry tax, local taxes etc. shall be the responsibility of supplier and should be included in the financial quote.**
- c. Installation of Equipment as per the Consignee Distribution List is the responsibility of supplier.
- d. Training & Commissioning of Equipment as per the Consignee Distribution List is the responsibility of supplier.

17. **BID PRICES:**

- a. The bidder shall indicate on the appropriate Price Form attached to these, the unit prices and total Quotation/tender prices of goods it proposes to supply under the contract. Price should be quoted only in INR in the specified format attached in **Annexure II**.
- b. **Total Price till final Place of Destination and installation, as quoted by the bidders should be inclusive of all applicable taxes and duties (Excise Duty, Custom Duty, Entry tax, Road Tax, Octroi Duty and other local taxes etc.), only VAT/ CST to be quoted separately, as applicable. It should also include that all goods shall be duly insured up to the final place of destination.**

18. **Bid currency**

The prices should be quoted only in Indian National Rupees (INR).

19. **Document establishing bidder's eligibility and qualifications:**

The documentary evidence of the bidder's qualifications to perform the contract if its bid/tender is accepted, shall establish to the purchaser's satisfaction:

- a. That, in the case of bidder offering to supply goods under the contract which the bidder did not manufacture or otherwise produce, the bidder has been duly authorized (as per authorization form in **Annexure-IV**) by the good's manufacturer or producer to supply the goods in India.
- b. That, in the case of a bidder not doing business within India, the bidder is or will be represented by an agent in India equipped and able to carry out the supplier's maintenance; repair and spare parts stocking obligations prescribed by the conditions of contract and/or Technical Specifications
- c. The bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid/tender and its qualifications to perform the contract if its bid/tender is accepted.
- d. The documentary evidence of the bidder's eligibility to bid/tender shall establish to the purchaser's action that the bidder, at the time of submission of its bid, is eligible.

**e. Financial Capability**

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

- i. **The Bidders who are manufacturers** should have annual sales turnover of minimum 3 times the estimated value for each schedule during any of the preceding three years, to qualify for a particular schedule. The above criteria will be cumulative for the purpose of evaluating multiple schedules.
- ii. **For non manufacturer Bidders** (excluding agents quoting in the name of the manufacturer): the Bidder should have annual sales turnover of minimum 2 times the estimated value for each schedule, during any of the preceding three years, to qualify for a particular schedule. The above criteria will be cumulative for the purpose of evaluating multiple schedules.

**20. Period of validity of bids:**

- a. Bids shall remain valid for 3 months after the date of bid/Tender opening prescribed by the purchaser, A bid/tender valid for a shorter period shall be rejected by the purchaser as non-responsive.
- b. In exceptional circumstances, the purchaser may solicit the bidder's consent to an extension of the period of bid/tender validity. The request and the responses thereto shall be made in writing (or by cable or by telex).

**21. Format and signing of bid**

- a. The bidder shall prepare two copies of the bid, clearly making each "**Original Bid**" and "**Copy of Bid**" as appropriate. In the event of any discrepancy between them, the original shall govern.
- b. The original and all copies of the bid/tender shall be typed or written in indelible ink and shall be signed by the bidder or a person duly authorized to bind the bidder to the contract. The letter authorization shall be indicated by written power-of-attorney accompanying the bid. All pages of the bid, except for unammended printed literature, shall be initialed by the person or person's signing the bid.
- c. The bid/tender shall contain no interlineation, erasures or overwriting except as necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

**22. Preliminary examination**

- a. The purchaser will examine the bids to determine whether they are complete, whether any computational errors have been made, whether the documents have been properly signed, whether the bid/ tender validity is as required and whether the bids are generally, in order.
- b. Bids from agents without proper authorization from the manufacturers or on principal's original Performa invoice with break-up of price shall be treated as non-responsive and shall be rejected.
- c. Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantify, the unit price shall prevail and the total price shall be corrected. If the supplier does not accept the correction of the errors, its bid/ tender will be rejected. If there is a discrepancy between the words and figures, the amount in. words shall prevail.
- d. Prior to the detailed evaluation purchaser will determine the substantial responsive-ness of each bid/tender to the bidding documents. For purpose of these clauses, a substantially responsive bid/tender is one which, conforms to all the terms and conditions of the bidding documents without material deviations. The purchaser's determination of a bid's responsiveness is to base on the contents of the bid/tender itself without recourse to extrinsic evidences.

- e. A bid/tender determined as not substantially responsive will be rejected by the purchaser and may not subsequently be made responsive by the bidder by correction of the non-conformity.
- f. The purchaser may waive any minor informality or non-conformity or irregularity in a bid, which does not constitute a material deviation, provided such waiver does not prejudice and affect the relative ranking of any bidder.

### **23. Evaluation and comparison of bid**

- a. The purchaser will technically evaluate all bids previously determined to be responsive and compare the bids previously determined to be substantially responsive and are acceptable.
- b. The comparison of price shall be considering, delivery of goods as per CIP-till final place of destinations, installation, commissioning and training at consignee's end.
- c. **The Purchaser's evaluation of a bid will take into account the total unit cost of the item at the consignee's destination inclusive of all kind of duties, taxes and other charges.**
- d. The contract shall be awarded only to the bidder who are substantially responsive, offer competitive rates, and meet the qualification requirement stipulated in the bidding documents.
- e. **Bidder may bid for one or more schedules (if applicable). Bids will be evaluated for each schedule separately and the contract will comprise the schedule(s) awarded to the successful bidder. Bidders must quote for the entire quantity of each schedule.** Bidders who do not quote for full quantity of the schedule will be treated as non-responsive.
- f. Deviations in the delivery schedule and Payment schedule are not permitted.
- g. The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with evaluation criteria mentioned in this bidding document.

### **24. Award of Contract (Pre-qualification)**

- a. Notwithstanding the 'Qualification Requirements' set out in terms & condition the purchaser will determine to the satisfaction whether the bidder selected as having submitted the lowest evaluated responsive bid/tender is qualified to satisfactorily perform the contract.
- b. The determination will take into account the bidder's financial, technical and production capabilities. It will be based upon the examination of the documentary evidence of the bidder's qualifications submitted by the bidder, as well as such other information as the purchaser deems necessary and appropriate.
- c. An affirmative determination will be a prerequisite for award of the contract to the bidder. A negative determination will result in rejection of the bidder's bid/tender in which event the purchaser will proceed to the next lowest evaluated bid/tender to make a similar determination of the bidder's capabilities to perform satisfactorily.
- d. **Technical Demonstration of equipment**

Prior to contract award, the lowest evaluated substantially responsive Bidder will be requested to organize demonstration of the equipment, for inspection of quality and its efficient operation and performance before SAMS / FIND or its authorized team. In case, the equipment does not perform satisfactorily, the bid would be deemed to be non-responsive and SAMS reserves a right to move to next lowest evaluated responsive bidder.

## **25. Award criteria**

Subject to clause 24, the purchaser will award the contract to the successful bidder/ bidder whose bid/tender has been determined to be substantially responsive and has been determined as the lowest evaluated bid, provided further that the bidder/bidder is determined to be qualified to perform the contract satisfactorily.

## **26. Purchaser's right to vary quantities at time of award**

The purchaser reserves the right at the time of award to increase or decrease up to 25% of the quantity of goods and services specified in the '**Schedule of requirements**' without any change in prices or other terms and conditions.

## **27. Purchaser's right to accept any bid/tender and to reject any or all bids**

The purchaser reserves the right to accept or reject any bid/tender and to annul the bidding process and reject any or all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder/bidder or bidders or any obligations to inform the affected bidder/bidder of the grounds for the purchaser's action.

## **28. Performance Security**

- a. Within twenty one (21) days from date of the issue of Purchase Order by the purchaser, the supplier, shall furnish performance security to the purchaser for an amount equal to **five percent (5%)** of the total value of the contract, valid for forty months from the date of Purchase Order.
- b. The Performance security shall be denominated in Indian Rupees or in the currency of the contract.
- c. It shall be in any one of the forms namely Account Payee Demand Draft or Fixed Deposit Receipt drawn from any Scheduled commercial bank in India or Bank Guarantee issued by a Scheduled commercial bank in India, in the prescribed form as provided in Annexure V of this document in favour of the purchaser. The validity of the Fixed Deposit receipt or Bank Guarantee will be for a period for forty months from the date of Purchase Order.
- d. In the event of any loss due to supplier's failure to fulfill its obligations in terms of the contract, the amount of the performance security shall be payable to the purchaser to compensate the purchaser for the same.
- e. In the event of any amendment issued to the contract, the supplier shall, within twenty-one (21) days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract, as amended.
- f. Subject to sub - clause d above, the purchaser will release the Performance Security without any interest to the supplier on completion of the supplier's all contractual obligations including the warranty obligations.

## **29. Spare parts**

As specified in the contract Form, the supplier may be required to provide any or all of the following materials and notifications pertaining to spare parts manufactured and/or distributed by the supplier.

- a. Such spare parts as the purchaser may elect to purchase from the supplier, provided that this election will not relieve the supplier of any warranty obligations under the contract.
- b. In the event of termination of production of the spare parts advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements and following such termination, furnishing at no cost to the purchaser, the blueprints, drawings and specifications of the spare parts, if and when requested.

- c. Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares such as gaskets, plugs, washers, belts, etc. Other spare parts and components shall be supplied as promptly as possible but in any case within six months of placement of order and establishment of letter of credit.

### **30. Warranty**

- a. The supplier warrants that the goods supplied under the contract are new, unused, of the most recent of current models and incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that the goods supplied under the contract shall have no defect arising from design, materials or -workmanship (except insofar as the design or material is required by the purchaser is specifications) or from any act or omission of the supplier that may develop under normal use of the supplied goods in India, i.e. the counter of final destination.
- b. The warranty shall remain valid for 36 (Thirty six) months on the equipment or any portion thereof as the case may have been delivered to the final destination and installed, commissioned and take over by the consignee to the entire satisfaction of, the purchaser.
- c. The purchaser/indenter shall promptly notify the supplier in writing of any claim arising under this warranty.
- d. Upon receipt of such notice, the supplier shall, with all reasonable speed, repair or replace the defective goods or parts thereof, free of cost at the ultimate destination. The supplier shall elicit over the replaced parts/goods at the time of their replacement. No claim, whatsoever shall lie on the purchaser for the replaced parts/goods thereafter.
- e. If the supplier, having been notified, fails to remedy the defects) within a reasonable period, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchase may have against the supplier under the contract.
- f. The warranty for defective parts will begin de novo from the date of replacement. Supplier will pay customs duty and all expenses up to the destination for the replaced parts.

### **31. Payments Terms**

The method and conditions of payment to be made to the Supplier (Payments will not be made to any other party) under this tender, as applicable, shall be as follows:

- i) **On Delivery to Consignee: Ninety (90) percent** of the Contract Price of the Goods delivered to the Consignee shall be paid within 30 days of submission of following documents
  - a. Three copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
  - b. Consignee Receipt Certificate in original issued by the authorized representative of the consignee;
  - c. Manufacturer's/Supplier's warranty certificate & In-house inspection certificate.
- ii) **On satisfactory installation, testing & commissioning: Ten (10) percent** of the Contract Price of Goods received shall be paid within thirty (30) days of satisfactory installation & commissioning of the Goods and completion of training of the concerned personnel on operation and maintenance the equipment, upon submission of an invoice (indicating the SAMS as the Purchaser on behalf of FIND, the Contract number, credit number; description of payment and total amount, signed in original, stamped or sealed with the company stamp/seal) supported by the satisfactory installation, training & commissioning Certificate (Final Acceptance Certificate) issued by the Consignee.



### **32. Liquidated damages**

- I. **For delays-** Subject to, other clauses, if the supplier fails to deliver any or all of the goods or perform the services within the time period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5 percent of the delivered price of the delayed goods unperformed services for each week of delay or part of thereof until actual delivery or performance up to a maximum deduction of 10% (ten) percent of the delayed goods or services contract price. However, the purchaser may consider termination of the contract or emergency purchases once the time specified is over.
- II. **For shortfall in equipment performance-** Recovery shall be made from the supplier for not meeting the guaranteed performance/ productivity of the equipment during actual testing as detailed in "Technical Specifications". A sum equivalent to one percent of the cost of the equipment for each unit of shortfall in the guaranteed performance productivity where applicable.

### **33. Return of rejected items of suppliers**

The firm will take back the rejected items/ equipment from the consignees place and replace with fresh stock duly inspected within a reasonable period stipulated in the notice issued to the firm at their own cost up to the consignees or depots upon payment of testing charges, etc. The rejected stocks will be handed over by the respective consignees to the firm and payment of cost of the rejected stocks by the firm to the consignee. Failure of the firm may amount to the breach of contract on the part of the firm & firm shall be liable for recovery of consequent damages besides other remedies and rights available to the purchaser.

### **34. Penalty clause**

If the firm fails to deliver any or all of goods or perform the services within the time period specified in the contract, the purchaser shall without prejudice to its other remedies under the contract, deduct from the contract price, as liquidated damages to 0.5 percent of the delivered price of the delayed goods or unperformed services for each week or delay or part thereof until actual delivery or performance, up to a maximum deduction of 10% (ten percent) of the delayed goods or services contract price. The purchaser may consider termination of the contract seeing its urgency.

### **35. Taxes & Duties**

Supplier shall be entirely responsible for all taxes, duties, fees, levies, entry tax, local taxes etc. incurred until delivery of the contracted goods till the final place of destination.

**36. VAT/PAN:** Copy of number allotted should also be submitted.

**For Strategic Alliance Management Services Pvt. Ltd.**

**(Sanjay Rastogi)**  
**Associate Director (MCS)**

#### **Annexures:**

- I. Technical Specifications
- II. Price Form
- III. Schedule of Requirement and Consignee-wise Distribution
- IV. Manufacturer's Authorization Form
- V. Performance Security Form (Bank Guarantee)

Technical Specification of Equipment

## SCHEDULE-I

SCHEDULE-I Sl. No. 1- NAME OF THE EQUIPMENT: Universal oven 32L (for DNA extraction room) and Thermometer for oven	<u>Bidder's Specification</u>
<b>Tender specifications</b>	MANUFACTURER: Type / Model: Country of Origin:
<b>Main Specifications</b>	
<b>Capacity: 30±10 Liters</b>	
Ventilation and Control: natural convection	
Continuous adjustment of pre-heated fresh air admixture	
Vent connection with restrictor flap	
Microprocessor PID-temperature controller with integrated auto diagnostic system with fault indicator	
Pt100 sensor class A	
Temperature range from +30°C (at least 5°C above ambient) up to +220°C	
Adjustable Digital timer from 1 minutes to 99 hours	
Parameter adjustable on control : Temperature, air flap position, programme time	
Resolution for set value and actual value	
Over temperature protection (double) for visible and audible alarm	
Textured Stainless steel Exterior, fully insulated SS door with locking, preferably two point locking	
Interior- easy to clean, made of stainless steel ,with all round deep drawn ribbing integrated and protected on large area heating on four side	
Stainless steel grid: One	
<b>Electricity needs</b>	
<b>Supply voltage:</b> 230 ± 10 V, AC, 50/60 Hz.	
Voltage and plugs adapted to those used in India.	
<b>Power consumption:</b> 1500W-2000W	
CE Certified and Conform to electrical safety IEC-60601-1 and/or IEC 61010, UL 61010-1, EN 61010-1	
Preferably, protection class in accordance with EN 60529	
<b>Quality and Safety standards</b> met by the product offered have to be listed and copies of the certificates issued by the authorized agencies to be enclosed for verification	
<b>Manufacturer's Certificate:</b> The manufacturer must have a management system certified to ISO 9001. One certificate should state that the oven has been calibrated at the factory	
<b>Standard Maintenance Tools:</b> All standard maintenance tools should be provided with each unit	
<b>Spare Parts and accessories:</b> Each Oven should be accompanied by an authorized list of accessories and spare parts	
<b>Warranty:</b> 3 Years Warranty starts with installation on site	

SCHEDULE-I SI. No. 2 - NAME OF EQUIPMENT: Universal Hot-air oven (for autoclave room- disinfection purpose)	<u>Bidder's Specification</u>
<b>Tender specifications</b>	MANUFACTURER:
	Type / Model:
	Country of Origin:
<b>Description of function and use:</b>	
This hot air oven is used to dry and sterilize glass ware and small laboratory materials after cleaning before reuse	
<b>Main specifications:</b>	
Chamber made of stainless steel, easy to clean	
Housing, preferably stainless steel or at least durable corrosion-resistant coating of metal used. (e. g. galvanized sheet metal coated with epoxy, hardened by heat treatment).	
Volume of interior housing: 250±10L	
Two doors, double lock	
Temperature range from 10 °C above ambient to +250 °C	
Forced air ventilation by air fan	
Air fan , < 58dB at full speed, speed adjustable	
Adjustable air flap for preheated fresh air intake	
Vent connection with restrictor flap	
Alarm, audible with display on dysfunction	
Switch off function at approx. 10 °C above temperature value set	
Digitally adjustable electronic controller TWW protection class 3.1	
Mechanical temperature limiter TB class 1 at fixed value 10 °C above maximal hot-air oven temperature (250 °C)	
Integrated programmable timer	
Programmes stored on power failure	
Display of temperature	
Function signals for operating mode	
Optional: Serial RS 232 interface with software for read out of data with PCL3-compatible printer	
<b>Electric needs</b>	
Supply voltage: 230 ± 10%, AC, 50/60 Hz, plug type adapted to those in India	
Consumption: 2400 W (during heating), adaptation of heating power according to the preset temperature value	
CE Certified and Conform to electrical safety IEC-60601-1 and/or IEC 61010, UL 61010-1, EN 61010-1	
Preferably, protection class in accordance with EN 60529	
<b>Manufacturer's Certificate:</b> The manufacturer must have a management system certified to ISO 9001. One certificate should state that the oven has been calibrated at the factory	
<b>Quality and Safety standards</b> met by the product offered have to be listed and copies of the certificates issued by the authorized agencies to be enclosed for verification	
<b>Standard Maintenance Tools:</b> All standard maintenance tools should be provide with each unit	
<b>Spare Parts and accessories:</b> Each Oven should be accompanied by an authorized list of accessories and spare parts <ul style="list-style-type: none"> <li>• Two additional set of perforated stainless steel shelves, non-tipping</li> </ul>	
<b>Warranty:</b> 3 Years Warranty starts with installation on site	

SCHEDULE-I SI. No. 3 - Thermometer for oven	
Oven thermometer aluminium 70x75mm, 40°~ +300°C, 42g	

## SCHEDULE-II

SCHEDULE-II Sl. No. 1 - NAME OF EQUIPMENT: Water Bath	Bidder's Specification
<b>Tender specifications</b>	MANUFACTURER: Type / Model: Country of Origin:
<b>Main Specification</b>	
Microprocessor PID-temperature controller with integrated auto diagnostic system with fault indicator	
Capacity: 20 ±10liters	
Solid state switching unit	
One Pt100 sensor class A in 4-wire-circuit	
Integrated digital timer for: <ul style="list-style-type: none"> <li>• ON continuous operation</li> <li>• WAIT (delayed on for continuous and limited timed operation)</li> <li>• HOLD</li> </ul>	
Digital display (LED) of set and actual temperature (0.1 °C resolution) and of (remaining) programme time	
LEDs for indication of programme status	
Equipment should be equipped with over temperature protection feature	
Corrosion-proof large-area heating on three Sides	
Easy-to-clean interior, made of stainless steel(304),reinforced by deep drawn ribbing, laser-welded	
Temperature Range: from +10 °C (however, at least 5 °C above ambient) up to +95 °C with additional boiling mode (+100 °C)	
<b>Electric needs</b>	
Supply voltage: 230 ± 10%, AC, 50/60 Hz, plug type adapted to those in India	
Consumption: 2000 W (during heating), adaptation of heating power according to the preset temperature value	
CE Certified and Conform to electrical safety IEC-60601-1 and/or IEC 61010, UL 61010-1, EN 61010-1	
Preferably, protection class in accordance with EN 60529	
<b>Manufacturer's Certificate:</b> The manufacturer must have a management system certified to ISO 9001. One certificate should state that the water bath has been calibrated at the factory	
<b>Quality and Safety standards</b> met by the product offered have to be listed and copies of the certificates issued by the authorized agencies to be enclosed for verification	
<b>Standard Maintenance Tools:</b> All standard maintenance tools should be provided with each unit	
<b>Spare Parts and accessories:</b>	
Each water bath should be accompanied by an authorized list of accessories and spare parts	
<b>Accessories</b> <ul style="list-style-type: none"> <li>• Flat stainless steel cover with openings and concentric ring sets</li> <li>• Gable stainless steel cover mounted for condensate drainage</li> <li>• Water level control</li> </ul>	
<b>Warranty:</b> 3 Years Warranty starts with installation on site	

SCHEDULE-II SI. No. 2- NAME OF EQUIPMENT: Benchtop pH meter	Bidder's Specification
<b>Tender specifications</b>	<u>MANUFACTURER:</u>
	<u>Type / Model:</u>
	<u>Country of Origin:</u>
<b>Description of function and use:</b>	
A pH meter is required to check the pH of buffer solutions and/or culture media solution used in the diagnostic TB laboratory	
<b>Main specifications:</b>	
Portable pH meter, water-proof housing	
Resolution: ≤ 0.01 pH units	
Accuracy: ± 0.01 pH units	
Temperature measurement, ± 0.1 °C accuracy	
Calibration with at least 3 standard calibration buffers (pH 4.0, 7.0, 10.0), automatic calibration preferred	
Calibration reminder: adjustable from 1 to 999 days	
Temperature compensation, preferably automatic	
Illuminated display with indication after stabilisation of measured values	
Multi-function display	
Storage possibility of calibration data (day, month, year, zero point and two values for steepness of curve)	
Complete GLP compliant record	
Memory storage capacity ≥ 500 measurement data, automatically logged	
Data access, password protected	
Transport case with additional compartments for a glass combination pH electrode with integrated temperature sensor, electrode holder swing arm, calibration buffers	
<b>Electric needs</b>	
Supply voltage: 230 ± 10%, AC, 50/60 Hz, plug type adapted to those in India	
Consumption: Low	
Should have Battery with rechargeable battery pack and main power DC transformer	
CE Certified and Conform to electrical safety IEC-60601-1 and/or IEC 61010, UL 61010-1, EN 61010-1	
Preferably, protection class in accordance with EN 60529	
<b>Manufacturer's Certificate:</b> The manufacturer must have a management system certified to ISO 9001	
One certificate should state that the pH meter has been calibrated at the factory.	
<b>Quality and Safety standards</b> met by the product offered have to be listed and copies of the certificates issued by the authorized agencies to be enclosed for verification	
<b>Standard Maintenance Tools:</b> All standard maintenance tools should be provided with each unit	
<b>Spare Parts:</b>	
Each pH Meter should be accompanied by an authorized list of accessories and spare parts	
Calibration buffer of pH 4.0, 7.0, 10.0 should be provided with each unit	
<b>Accessories:</b>	
Optional: RS-232 interface cable for connecting the pH meter to a computer	
Optional: Software, preferably for installation under Windows	
<b>Warranty:</b> 3 Years Warranty starts with installation on site	

SCHEDULE-II Sl. No. 3 NAME OF EQUIPMENT: <b>Vortex Mixer</b>	<b>Bidder's Specification</b>
<b>Tender specifications</b>	<b>MANUFACTURER:</b>
	<b>Type / Model:</b>
	<b>Country of Origin:</b>
<b>Main Specification</b>	
<ul style="list-style-type: none"> <li>a) Sturdy housing, metal, coated, disinfectable</li> <li>b) Design feature: Flat construction</li> <li>c) Strong orbital movements</li> <li>d) Rotation speed 0 2500 rpm, Orbit <math>\geq</math> 4 mm</li> <li>e) Standing on four rubber feet designed to prevent sliding of the instrument during shaking</li> <li>f) Two operating modes, continuous and touch function</li> <li>g) Head about 20 mm</li> <li>h) Slip resistant stand</li> <li>i) Overheating protection</li> <li>j) Permissible ambient temperature / relative humidity: 5 – 40 °C/<math>\leq</math>80%</li> <li>k) Weight. 2.5 5 kg</li> </ul>	
<b>Electric needs</b>	
<ul style="list-style-type: none"> <li>a) Supply voltage: 230 <math>\pm</math> 10V, AC, 50/60 Hz</li> <li>b) Voltage and plugs adapted to those used in India.</li> <li>c) Power consumption: 50 - 100 W</li> <li>d) Protection class in accordance with EN 60529</li> <li>e) Circuit radio interference free in accordance with EN 55 014</li> </ul>	
<b>Manufacturer's Certificate</b> The manufacturer must have a management system certified to ISO 9001	
<b>Quality and Safety standards</b> met by the product offered have to be listed and copies of the certificates issued by the authorized agencies to be enclosed for verification	
<b>Installation and Maintenance:</b> The detailed installation prerequisites have to be communicated to the purchaser in advance. A detailed instruction of the laboratory personnel on use, function and maintenance of the equipment (user training) as well as a comprehensive maintenance plan is part of this procurement	
<b>Standard Maintenance Tools:</b> All standard accessories, consumables, parts required for the proper operation shall be included in the offer. Each bidder has to specify the quantity in its offer of every item or items not specified above.	
<b>Spare Parts:</b> <ul style="list-style-type: none"> <li>a) Fuses</li> <li>b) Each mini-shaker should be accompanied by an authorized list of accessories and spare parts</li> <li>c) Packing data: Packing data are not necessarily part of the bidding process, but are needed for shipment and customs declaration</li> <li>d) Net weight approx</li> <li>e) Gross weight approx</li> <li>f) Dimensions (W x H x D) in cm</li> <li>g) Appliances must be transported upright (Y/N)</li> </ul>	
<b>Warranty:</b> 3 Years Warranty starts with installation on site	
<b>Remarks:</b> The design and workmanship of equipment offered, including power supply, has to be suited to operate properly and continuously under the climatic conditions in India. Especially humidity, growth of fungi, thunder storms and possible spikes in the electric network have to be taken into consideration. For longer storage an appropriate packing should be provided Each bidder may propose any system / product in addition to the requirements listed above.	
<b>Warranty:</b> 3 Years Warranty starts with installation on site	

SCHEDULE-II	Bidder's Specification
<b>SI. No. 4 - NAME OF EQUIPMENT: Microliter Centrifuge</b>	
<b>Tender specifications</b>	MANUFACTURER:
	Type / Model:
	Country of Origin:
<b>Description of function and use:</b>	
This centrifuge is designed for routine applications in molecular biology.	
<b>Main specifications:</b>	
Robust metal housing, compact design with chemical resistant (coated) housing	
Easy to clean smooth rotor chamber resistant to acids, alkaline, disinfectants used in the laboratory	
low access height $\leq 23$ cm and space saving design $\leq 24 \times 32$ cm (w x d)	
Microprocessor controlled centrifuge	
Standard rotor with a capacity of at least 24 positions, chemical-resistant coating aerosol tight	
The rotor should only be removable from the centrifuge with aerosol tight lid still in place. Aerosol tight lid should be certified preferably by external agency.	
Maintenance-free motor	
Maximal relative centrifuge force: $\geq 15,000$ g	
Automatic lid lock starting and during run of rotor	
Automatic opening at the end of the run	
Emergency unlock for electricity black out	
LCD display protected, showing time and relative centrifugal force or speed in rcf or rpm	
Speed adjustable in 100 rpm steps	
If a key pad is used, it should be foil protected	
Timer for runs between 30 seconds and 30 minutes and an option for continuous operation for longer runs.	
Short time operation by pressing a time button for short spin	
Adjustment of running time in steps of 30 seconds	
Short acceleration time to max rcf.: $\leq 20$ sec	
Short breaking time from max. rcf $\leq 20$ sec	
Noise level $\leq 58$ dbA	
<b>Electric needs</b>	
Supply voltage: $230 \pm 10\%$ , AC, 50/60 Hz, plug type adapted to those in India	
Consumption: approx 250 W	
CE Certified and Conform to electrical safety IEC-60601-1 and/or IEC 61010, UL 61010-1, EN 61010-1	
Preferably be IVD Complaint	
Preferably, protection class in accordance with EN 60529	
<b>Manufacturer's Certificate:</b> The manufacturer must have a management system certified to ISO 9001	
One certificate should state that the centrifuge has been calibrated at the factory.	
<b>Quality and Safety standards</b> met by the product offered have to be listed and copies of the certificates issued by the authorized agencies to be enclosed for verification	
<b>Standard Maintenance Tools:</b> All standard maintenance tools should be provided with each unit	
<b>Spare Parts and accessories:</b> Each centrifuge should be accompanied by an authorized list of accessories and spare parts. <b>Accessory to be supplied with each unit:</b> Manual key and lubricant	
<b>Warranty:</b> 3 Years Warranty starts with installation on site	

<p><b>SCHEDULE-II</b>  <b>Sl. No. 5 Microfuge / minispin for 0.2-2ml tubes for short-rapid spin down of reagents</b></p>	
<p>Ideal for quick spin-downs of reaction-tubes. Easy to use function. Rotor 6000 rpm (2000 x g), circular for: 6 x 1.5 and 2.0 ml tubes, including adaptor for 6x0.4 and 0.5 ml tubes, 3x 0.4 ml and 3x 1.5 and 20 ml tubes. Rectangular for two 8 x 0.2ml PCR tube-strips or 16 individual 0.2 ml PCR tubes. Resistance to bleach</p>	



**Price Form**

[The Bidder shall fill in this Price Form in accordance with the instructions given below]

Sch. No.	SI. No.	BIDDER'S PRICES FOR GOODS (Price to be entered by Bidder):						
		DESCRIPTION	Unit	QTY. (a)	INR			
UNIT PRICE, (b)	TOTAL PRICE, (c) = (a) x (b)				VAT/CST (d)	TOTAL PRICE, FINAL Place of Destination* (e)=(c) + (d)		
I	1	Universal oven 32L (for DNA extraction room)	Nos.	3				
	2	Universal Hot-air oven (for autoclave room- disinfection purpose)	Nos.	4				
	3	Thermometer for oven	Nos.	7				
II	1	Water bath	Nos.	7				
	2	Bench top pH meter	Nos.	3				
	3	Vortex Mixer	Nos.	7				
	4	Microliter Centrifuge	Nos.	6				
	5	Microfuge / minispin for 0.2-2ml tubes for short-rapid spin down of reagents	Nos.	3				

**\*Total Price, till Final Place of Destination** for quoted items should be inclusive of all applicable taxes and duties (Excise Duty, Custom Duty, Entry tax, Road Tax, Octroi Duty and any other local taxes etc.), only VAT/ CST to be quoted separately, as applicable. It should also include that all goods shall be duly insured up to the final destination.

**Schedule of Requirement**

Sl. No.	Sl. No.	Description of Equipment	Unit Pack	Raichur	Gwalior	Jodhpur	Madurai	Total Qty.
				Quantity				
I	1	Universal oven 32L (for DNA extraction room)	Nos.	1	1	0	1	3
	2	Universal Hot-air oven (for autoclave room-disinfection purpose)	Nos.	1	1	1	1	4
	3	Thermometer for oven	Nos.	2	2	1	2	7
II	1	Water bath	Nos.	2	2	1	2	7
	2	Bench top pH meter	Nos.	1	1	0	1	3
	3	Vortex Mixer	Nos.	2	2	1	2	7
	4	Microliter Centrifuge	Nos.	2	2	0	2	6
	5	Microfuge / minispin for 0.2-2ml tubes for short-rapid spin down of reagents	Nos.	1	1	0	1	3

**Consignee List**

<b>Sl. No.</b>	<b>State</b>	<b>Consignee details</b>
1	Karnataka	Dr. B V Peerapur, Head, Dept of Microbiology, Raichur Institute of Medical Sciences, (RIMS) Hyderabad Road, <b>RAICHUR</b> Ph number : 09448139483 Email :peerapur_2003@yahoo.co.in
2	Madhya Pradesh	Dr. (Prof.) Shashi Gandhi Head of Department of Microbiology Gajra Raja Medical College, Opp. JAH Campus, Near KatoraTaal, Theme Road, Lashkar, <b>Gwalior- 474009</b> Madhya Pradesh Office No: 07512332661 Ph number: 9826394482 Email ID: <a href="mailto:drshashigandhi@gmail.com">drshashigandhi@gmail.com</a> & <a href="mailto:microbiology_department84@yahoo.com">microbiology_department84@yahoo.com</a>
3	Rajasthan	Dr. PK Khatri Professor & Head of Microbiology Department, LPA Lab. IDI Block (Part of Department of Microbiology, SNMC, Jodhpur) Kamla Nehru Chest Hospital, Pal link road, <b>Jodhpur-</b> <b>342003</b> M :9001837262 <a href="mailto:drpkkhatri@yahoo.co.in">drpkkhatri@yahoo.co.in</a> & <a href="mailto:irlrjdp@rntcp.org">irlrjdp@rntcp.org</a>
4	Tamil Nadu	Dr. Jagatheeshwari (Director and HOD Microbiology Dept of Microbiology) Madurai Medical College Near Anna Bus stop Panagal Park Road <b>Madurai: 625 020, Tamil Nadu.</b> M : 9443408749 Dr. Surya Kumar Assistant Professor : 91-9894010207 <a href="mailto:mdumcmicro@gmail.com">mdumcmicro@gmail.com</a>

**MANUFACTURERS' AUTHORISATION FORM**

**To,**  
M/s Strategic Alliance Management Services Pvt. Ltd. (SAMS),  
1/1 B, ChoudharyHetram House,  
Bharat Nagar, New Friends Colony,  
New Delhi 110025, INDIA

Dear Sir,

RFQ No./Tender No.

We.....who are established and reputable manufacturers of  
..... Having factories at .....and  
..... hereby, authorize M/s.....  
(Name and address of agents) to bid, negotiate and conclude the contract with you against IFB  
No..... for the above goods manufactured by us.

No company or firm or individual other than M/s .....  
*Are authorized to bid, negotiate and conclude the contract in regard to this business against this  
specific IFB as also for all business in the entire territory of India.*

An agency commission of .....% included in the gross ex-work price is payable to  
M/s.....

We hereby extend our full guarantee and warranty as per terms & conditions of contract for  
the goods offered for supply against this invitation for bid by the above firm.

Our other responsibilities include:

- (i) .....
- (ii) .....  
(Specify here-in detail manufacturer's responsibilities)

The services to be rendered by M/s ..... are as under:

- (i) .....
- (ii) .....  
(here specify the services to be rendered by the agent)

Yours' faithfully,

for and on behalf of M/s ..... (Name).....

(Name of manufacturers)

Note : This letter of authorization should be on the letter head of the manufacturing concern and should be  
signed by a person competent and having the power of attorney to bind the manufacturer.

**PERFORMANCE SECURITY FORM (BANK GUARANTEE)**

To

The Strategic Alliance Management Services Pvt. Ltd. (SAMS),  
1/1 B, Choudhary Hetram House, Bharat Nagar,  
New Friends Colony, New Delhi 110025, INDIA

WHEREAS.....

(Name and address of the supplier) (hereinafter called "the supplier") has undertaken, in pursuance of contract No..... dated ..... to supply (description of goods and services) (hereinafter called "the contract").

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a recognized bank for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of .....

..... (amount of guarantee in words and figures). Such sum being payable in the types and proportions of currencies in which the contract price is payable, and we undertake to pay you, upon your First written demand declaring the supplier to be in default under the contract and without civil or argument, any sum or sums within the limits of (amount of guarantee) aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there-under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the date of issue of the "Acceptance Certificate" issued by the purchaser's representative.

Signature and seal of the guarantor

Place:

Date: